

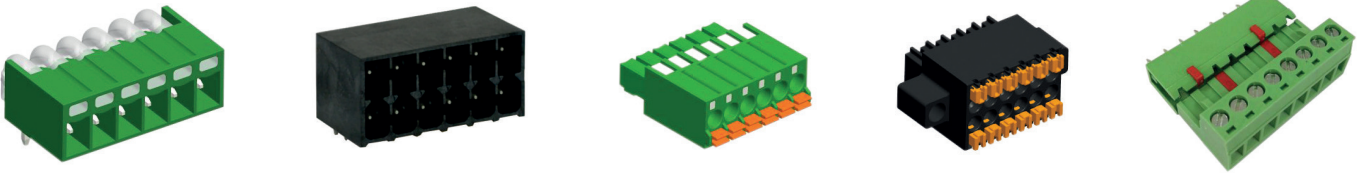
CREATING VALUE

HEADERS FOR PLUGS



CREATING VALUE





COMPANY PROFILE

Cabcon Contacts is a part of the Cabcon Group, which was founded in Copenhagen, Denmark in 2003. Cabcon Contacts are a professional manufacturer of terminal block with a "state of the art" production site in China. The focus in our ISO9001 approved factory in China is quality, lean production and competitive pricing.

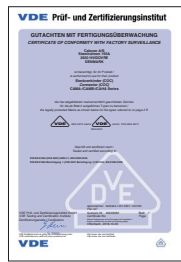
Hard investments have been made in a fully automated production line. Along the production line CCTV systems are installed to monitor and control the production line from the injection, molding, stamping and to the final packing.

To meet the customers demand we offer ink-jet printing and tampon printing and our products can be delivered in trays, boxes and/or Tape on reel.

PRODUCT RANGE

- // Screw type plugs and headers for pluggable system
- // Screwless type plugs for pluggable system
- // PCB screw rising clamp system
- // PCB screw wire protector system
- // PCB spring-cage system
- // PCB barrier screw system
- // Special type Terminal blocks

According to international requirements, most of our products are and will be designed to meet UL and VDE regulations.



CABCON GROUP

As experienced experts in electromechanical products and cable assemblies we support our customers and partners around the world with products, solutions and services in the industrial environment. With our motto "Creating Value" we continuously develop innovative, sustainable and useful solutions for our customers individual needs.

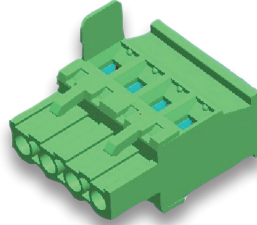
With headquarter in Denmark, divisions in Sweden, Norway and Hong Kong - we meet the customers on site. With our international sales setup, and warehouses in both Europe and Asia we create value with local presence, but global logistics.



OUR SERVICE

CUSTOMIZED PRODUCTS

Terminal blocks or headers for special applications can be developed at CABCON to meet the customer's requirements. Modifications of standard housing and integration of an additional wire connection within the plastic housing are possible.



PRINTING

Terminal blocks and headers can be marked by different methods. CABCON offers its customers two kinds of printing: Ink-jet printing, the cost-effective, fast and flexible solution to print letters or individual characters. The tampon printing is also available. The Tampon print guarantees the best quality and definition. A variety of letters and characters are possible, even on corners and round surfaces. Both types of printing are wipe-proof; the tampon-printing method is also resistant to isopropyl alcohol.



PACKING

We can pack in Tape-on-reel, Trays, Boxes. For printed circuit board assembly in automated processes. CABCON can offer terminal blocks and headers on tape-on-reel, in trays or in boxes. Dimensions and shapes are adapted to the assembly machine. Base on request the tapes/trays/boxes can be supplied in antistatic packaging for ESD protection. Terminal blocks and headers in tape-on-reel or tray packing will be delivered with pick & place pad where needed.

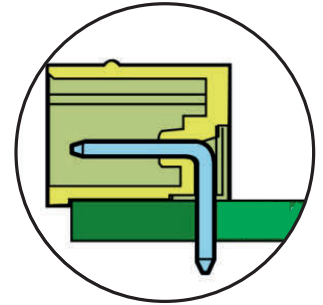


THE CATALOGUE

We have made documentation easy to read, by using icons and keeping all relevant information's on one page. Approvals is showed in the drawing, and mating parts is mentioned where available, so it is easy to find mating options. We are trying to update the catalogue frequently for you to have latest information's available.



THIS CATALOGUE CONTAINS HEADERS

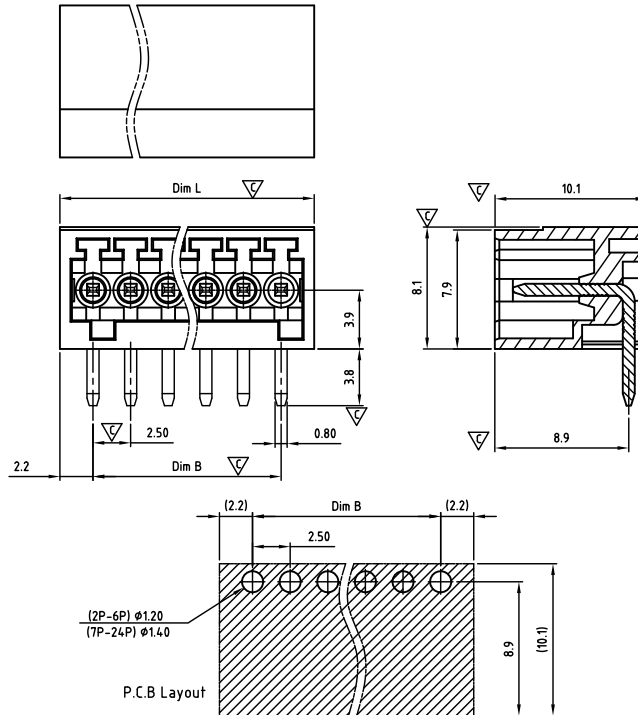


The information in this document is subject to change without further notice.



CAHABH250-SERIES

cULus E501953



Critical dimension: ∇

Dim.L= $P \times 2.5 + 1.9$

Dim.B= $(P-1) \times 2.5$

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x ^o	+/- 1 ^o

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	-
Nominal current (A)	4	-	-	-
Connection capacity (AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	4 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	80 160 250
Rated surge voltage(kV)	1.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHABH25002x000	1300
3	CAHABH25003x000	1150
4	CAHABH25004x000	800
5	CAHABH25005x000	700
6	CAHABH25006x000	670
7	CAHABH25007x000	575
8	CAHABH25008x000	480
9	CAHABH25009x000	480
10	CAHABH25010x000	415
11	CAHABH25011x000	380
12	CAHABH25012x000	360
13	CAHABH25013x000	325
14	CAHABH25014x000	300
15	CAHABH25015x000	285
16	CAHABH25016x000	240
17	CAHABH25017x000	240
18	CAHABH25018x000	240
19	CAHABH25019x000	240
20	CAHABH25020x000	215
21	CAHABH25021x000	190
22	CAHABH25022x000	190
23	CAHABH25023x000	190
24	CAHABH25024x000	175

Ordering code

CAHA BH 250 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

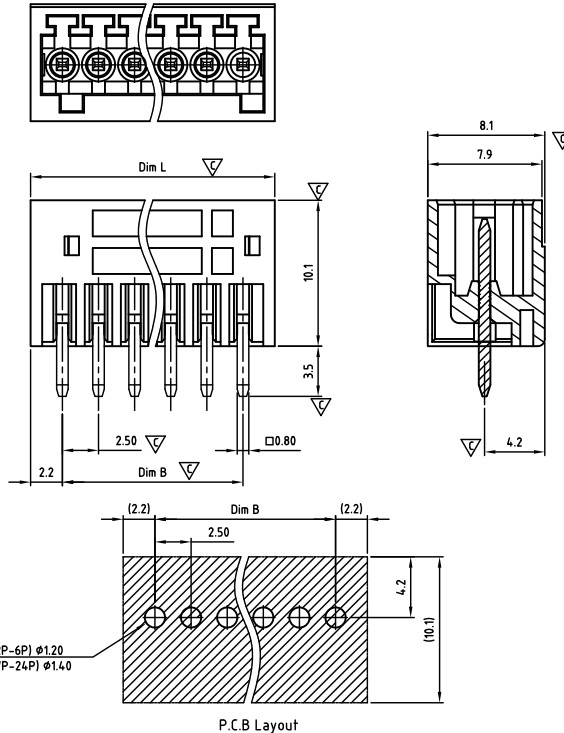
CAPASD250 Series





CAHABV250-SERIES

cULus E501953



Critical dimension: ∇

Dim.L= $P \times 2.5 + 1.9$

Dim.B=(P-1) $\times 2.5$

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	-
Nominal current (A)	4	-	-	-
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	4 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	80 160 250
Rated surge voltage(kV)	1.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHABV25002x000	1300
3	CAHABV25003x000	1150
4	CAHABV25004x000	800
5	CAHABV25005x000	600
6	CAHABV25006x000	665
7	CAHABV25007x000	570
8	CAHABV25008x000	520
9	CAHABV25009x000	475
10	CAHABV25010x000	415
11	CAHABV25011x000	380
12	CAHABV25012x000	345
13	CAHABV25013x000	310
14	CAHABV25014x000	285
15	CAHABV25015x000	285
16	CAHABV25016x000	250
17	CAHABV25017x000	250
18	CAHABV25018x000	230
19	CAHABV25019x000	230
20	CAHABV25020x000	205
21	CAHABV25021x000	205
22	CAHABV25022x000	190
23	CAHABV25023x000	190
24	CAHABV25024x000	170

Ordering code

CAHA BV 250 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAPASD250 Series

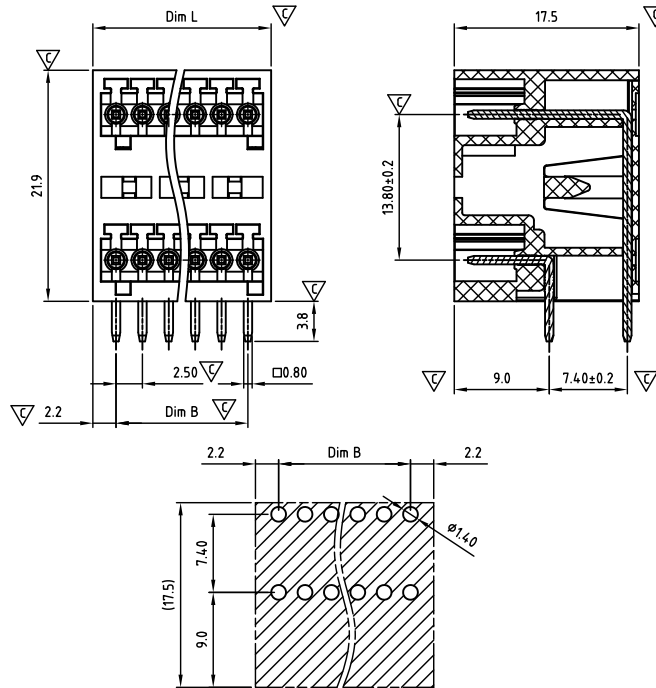




CAHAEH250-SERIES

Pitch 2,50mm

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x2.5+4.4

Dim.B=(1/2P-1)x2.5

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

P.C.B. LAYOUT

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	-
Nominal current (A)	4	-	-	-
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	4 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	80 160 250
Rated surge voltage(kV)	1.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHAEH25004x000	270
2*3	CAHAEH25006x000	210
2*4	CAHAEH25008x000	165
2*5	CAHAEH25010x000	165
2*6	CAHAEH25012x000	165
2*7	CAHAEH25014x000	140
2*8	CAHAEH25016x000	120
2*9	CAHAEH25018x000	120
2*10	CAHAEH25020x000	95
2*11	CAHAEH25022x000	95
2*12	CAHAEH25024x000	90
2*13	CAHAEH25026x000	70
2*14	CAHAEH25028x000	70
2*15	CAHAEH25030x000	70
2*16	CAHAEH25032x000	60
2*17	CAHAEH25034x000	60
2*18	CAHAEH25036x000	60
2*19	CAHAEH25038x000	48
2*20	CAHAEH25040x000	48
2*21	CAHAEH25042x000	48
2*22	CAHAEH25044x000	48
2*23	CAHAEH25046x000	48
2*24	CAHAEH25048x000	42

Ordering code

CAHA EH 250 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

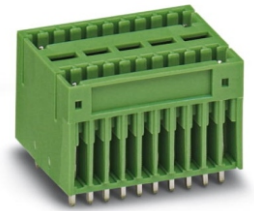
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Country of origin	CN (China)

Mating with headers

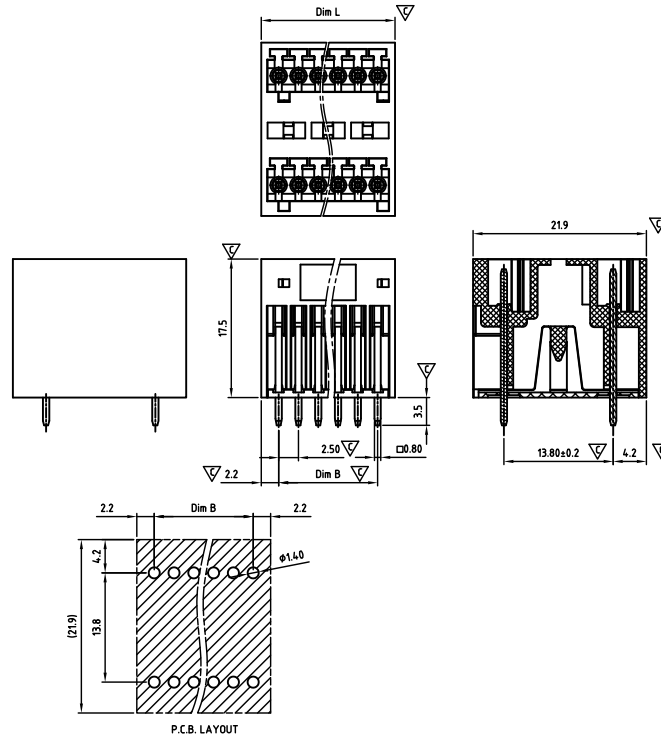
CAPASD250 Series





CAHAEV250-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(1/2P-1)x2.5+4.4

Dim.B=(1/2P-1)x2.5

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	-
Nominal current (A)	4	-	-	-
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	4 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	80 160 250
Rated surge voltage(kV)	1.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHAEV25004x000	210
2*3	CAHAEV25006x000	180
2*4	CAHAEV25008x000	140
2*5	CAHAEV25010x000	140
2*6	CAHAEV25012x000	140
2*7	CAHAEV25014x000	120
2*8	CAHAEV25016x000	100
2*9	CAHAEV25018x000	100
2*10	CAHAEV25020x000	80
2*11	CAHAEV25022x000	80
2*12	CAHAEV25024x000	70
2*13	CAHAEV25026x000	60
2*14	CAHAEV25028x000	60
2*15	CAHAEV25030x000	60
2*16	CAHAEV25032x000	55
2*17	CAHAEV25034x000	48
2*18	CAHAEV25036x000	48
2*19	CAHAEV25038x000	48
2*20	CAHAEV25040x000	40
2*21	CAHAEV25042x000	40
2*22	CAHAEV25044x000	40
2*23	CAHAEV25046x000	40
2*24	CAHAEV25048x000	38

Ordering code

CAHA EV 250 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

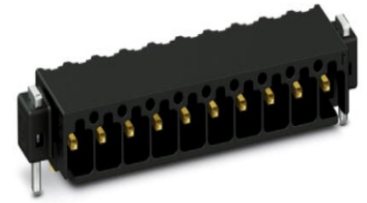
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

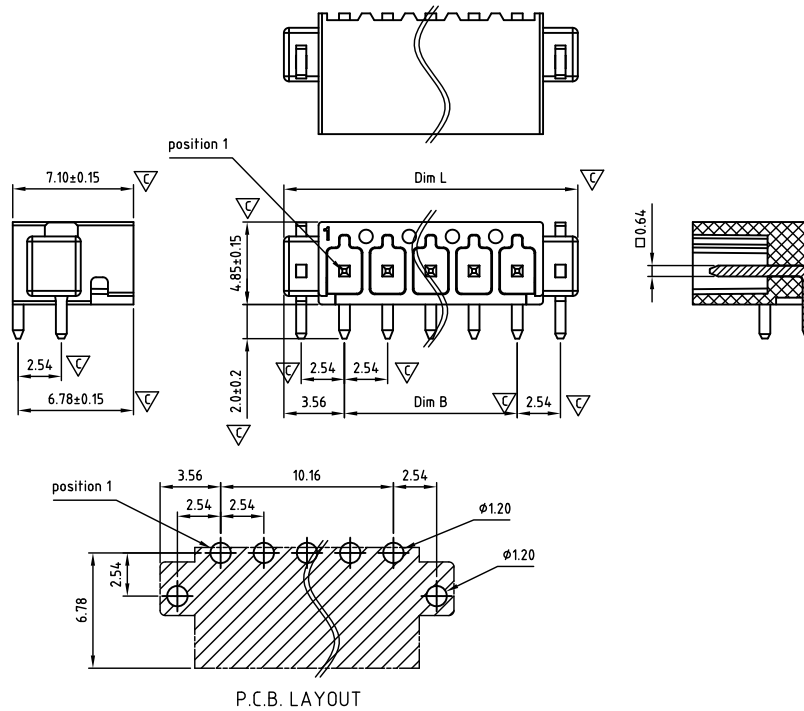
CAPASD250 Series





CAHCCH254-SERIES

Pitch 2,54mm



Critical dimension: ▽

Dim.L=(P-1)x2.54+7.12

Dim.B=(P-1)x2.54

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
Units:mm	

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		150	50	-
Nominal current (A)		6	6	-
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		6 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	32	160	160	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage	AC 1300 / 1min	
Insulation Resistance	1000MΩ or more at DC500V	
Using temperature range	-40°C-130°C	
Soldering temperature	260±10°C/10s	

Materials

Insulation material group	LCP I UL94 -V0
PIN	Copper, Tin plated
Flange PIN	Brass, Tin plated
Borehole diameter/pin dimensions(mm)	1.2/0.64*0.64

Packing information

Poles	Order Number	SPQ
2	CAHCCH25402x000	250
3	CAHCCH25403x000	250
4	CAHCCH25404x000	250
5	CAHCCH25405x000	250
6	CAHCCH25406x000	250
7	CAHCCH25407x000	250
8	CAHCCH25408x000	250
9	CAHCCH25409x000	250
10	CAHCCH25410x000	250
11	CAHCCH25411x000	250
12	CAHCCH25412x000	250
13	CAHCCH25413x000	250
14	CAHCCH25414x000	250
15	CAHCCH25415x000	250
16	CAHCCH25416x000	250
17	CAHCCH25417x000	250
18	CAHCCH25418x000	250
19	CAHCCH25419x000	250
20	CAHCCH25420x000	250
21	CAHCCH25421x000	250
22	CAHCCH25422x000	250
23	CAHCCH25423x000	250
24	CAHCCH25424x000	250

Ordering code

CAHC CH 254 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black

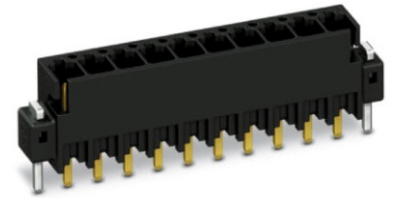
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Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

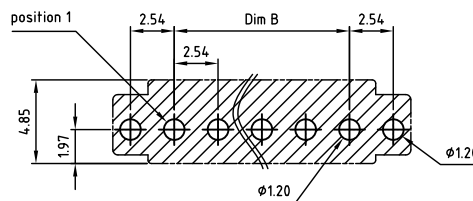
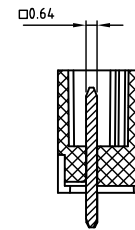
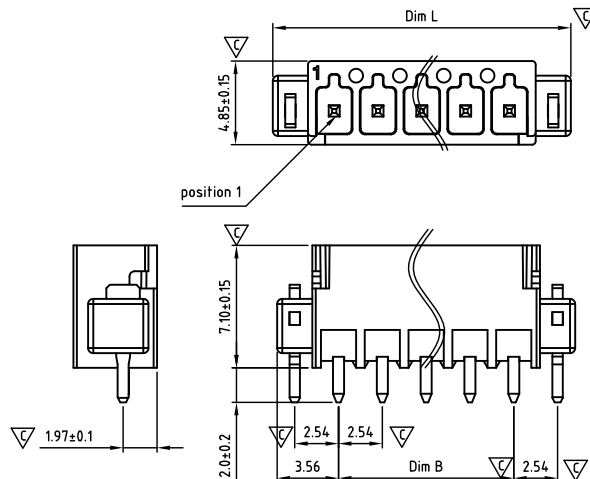
CAPBSD254 Series





CAHCCV254-SERIES

Pitch 2,54mm



P.C.B. LAYOUT

Critical dimension: ▽

Dim.L=(P-1)x2.54+7.12

Dim.B=(P-1)x2.54

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
⌀	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	50	-	-
Nominal current (A)	6	6	-	-
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	6 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	32 160 160
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1300 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-130°C
Soldering temperature	260±10°C/10s

Materials

Insulation material group	LCP I UL94 -V0
PIN	Copper, Tin plated
Flange PIN	Brass, Tin plated
Borehole diameter/pin dimensions(mm)	1.2/0.64*0.64

Packing information

Poles	Order Number	SPQ
2	CAHCCV25402x000	250
3	CAHCCV25403x000	250
4	CAHCCV25404x000	250
5	CAHCCV25405x000	250
6	CAHCCV25406x000	250
7	CAHCCV25407x000	250
8	CAHCCV25408x000	250
9	CAHCCV25409x000	250
10	CAHCCV25410x000	250
11	CAHCCV25411x000	250
12	CAHCCV25412x000	250
13	CAHCCV25413x000	250
14	CAHCCV25414x000	250
15	CAHCCV25415x000	250
16	CAHCCV25416x000	250
17	CAHCCV25417x000	250
18	CAHCCV25418x000	250
19	CAHCCV25419x000	250
20	CAHCCV25420x000	250
21	CAHCCV25421x000	250
22	CAHCCV25422x000	250
23	CAHCCV25423x000	250
24	CAHCCV25424x000	250

Ordering code

CAHC CV 254 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

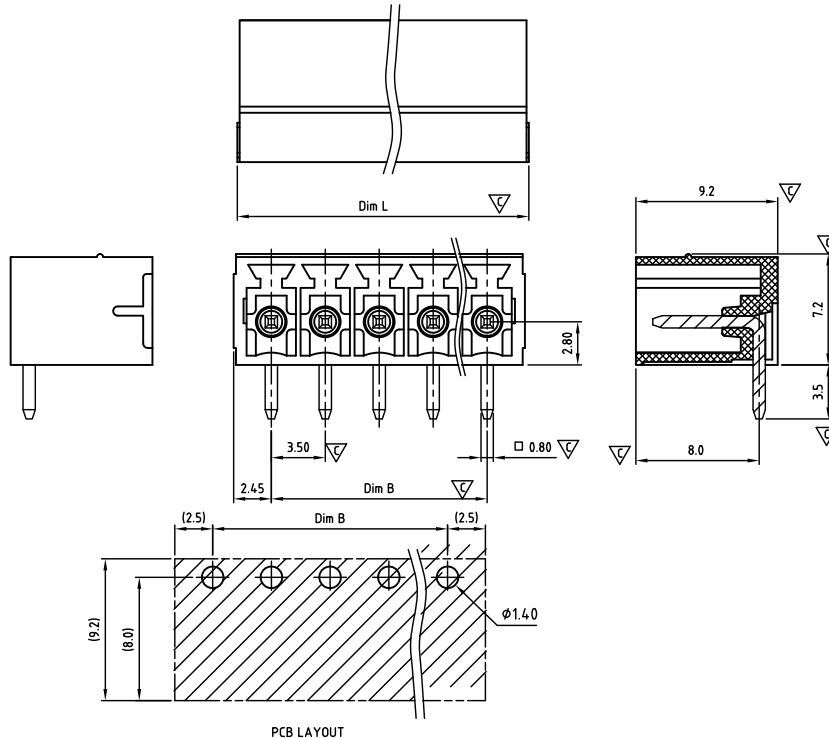
CAPBSD254 Series





CAHABH350-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)x3.5+4.9		
Dim.B=(P-1)x3.5		
P=Number of poles (02-24)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
Units:mm	

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage	AC 1600 / 1min	
Insulation Resistance	1000MΩ or more at DC500V	
Using temperature range	-40°C-115°C	
Soldering temperature	250±5°C/5s	

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHABH35002x000	1200
3	CAHABH35003x000	750
4	CAHABH35004x000	620
5	CAHABH35005x000	500
6	CAHABH35006x000	400
7	CAHABH35007x000	350
8	CAHABH35008x000	300
9	CAHABH35009x000	300
10	CAHABH35010x000	340
11	CAHABH35011x000	300
12	CAHABH35012x000	270
13	CAHABH35013x000	245
14	CAHABH35014x000	245
15	CAHABH35015x000	205
16	CAHABH35016x000	185
17	CAHABH35017x000	150
18	CAHABH35018x000	150
19	CAHABH35019x000	150
20	CAHABH35020x000	140
21	CAHABH35021x000	135
22	CAHABH35022x000	135
23	CAHABH35023x000	135
24	CAHABH35024x000	125

Ordering code

CAHA BH 350 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST350 Series



CAMBSR350 Series

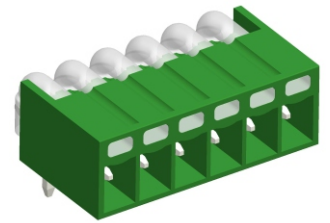


CAMBSW350 Series



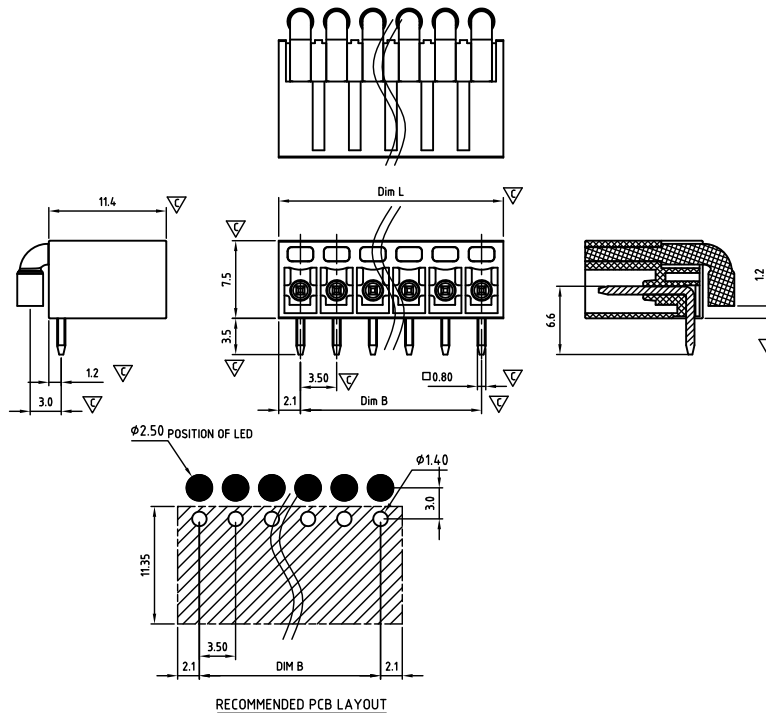
CAPBSD350 Series





CAHABH350-SERIES (with light guide type)

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)x3.5+4.2

Dim.B=(P-1)x3.5

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHABH35002xL00	1000
3	CAHABH35003xL00	700
4	CAHABH35004xL00	500
5	CAHABH35005xL00	400
6	CAHABH35006xL00	300
7	CAHABH35007xL00	300
8	CAHABH35008xL00	300
9	CAHABH35009xL00	300
10	CAHABH35010xL00	250
11	CAHABH35011xL00	250
12	CAHABH35012xL00	200
13	CAHABH35013xL00	0
14	CAHABH35014xL00	0
15	CAHABH35015xL00	0
16	CAHABH35016xL00	0
17	CAHABH35017xL00	0
18	CAHABH35018xL00	0
19	CAHABH35019xL00	0
20	CAHABH35020xL00	0
21	CAHABH35021xL00	0
22	CAHABH35022xL00	0
23	CAHABH35023xL00	0
24	CAHABH35024xL00	0

Ordering code

CAHA BH 350 xx x L00

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

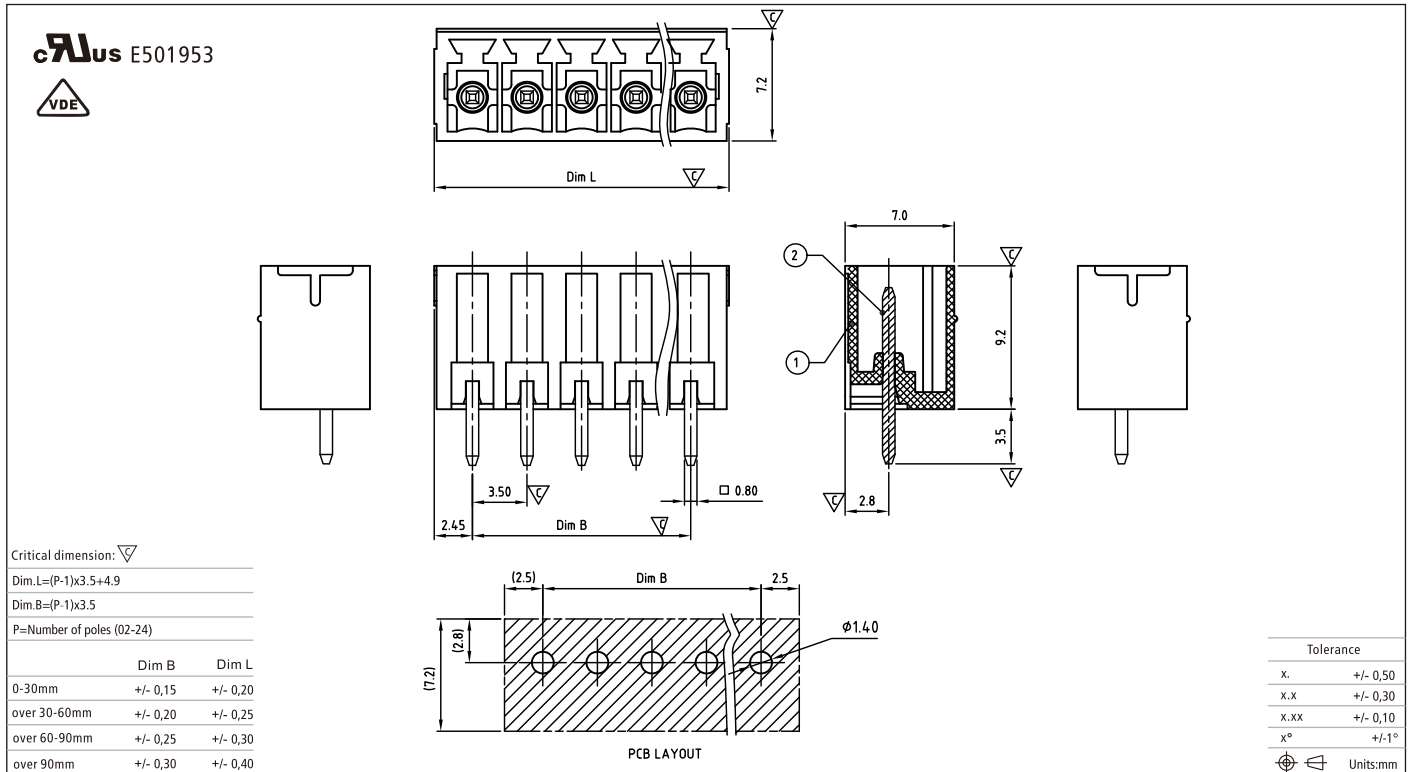
CAPBSD350xxxL00 Series





CAHABV350-SERIES

Pitch 3,50mm



Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity (AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage	AC 1600 / 1min	
Insulation Resistance	1000MΩ or more at DC500V	
Using temperature range	-40°C-115°C	
Soldering temperature	250±5°C/5s	

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHABV35002x000	1000
3	CAHABV35003x000	750
4	CAHABV35004x000	620
5	CAHABV35005x000	500
6	CAHABV35006x000	450
7	CAHABV35007x000	380
8	CAHABV35008x000	400
9	CAHABV35009x000	300
10	CAHABV35010x000	320
11	CAHABV35011x000	300
12	CAHABV35012x000	270
13	CAHABV35013x000	245
14	CAHABV35014x000	245
15	CAHABV35015x000	210
16	CAHABV35016x000	185
17	CAHABV35017x000	180
18	CAHABV35018x000	180
19	CAHABV35019x000	180
20	CAHABV35020x000	145
21	CAHABV35021x000	130
22	CAHABV35022x000	130
23	CAHABV35023x000	120
24	CAHABV35024x000	120

Ordering code

CAHA BV 350 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST350 Series



CAMBSR350 Series

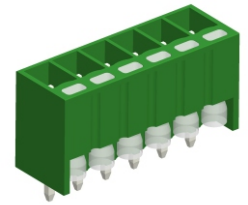


CAMBSW350 Series



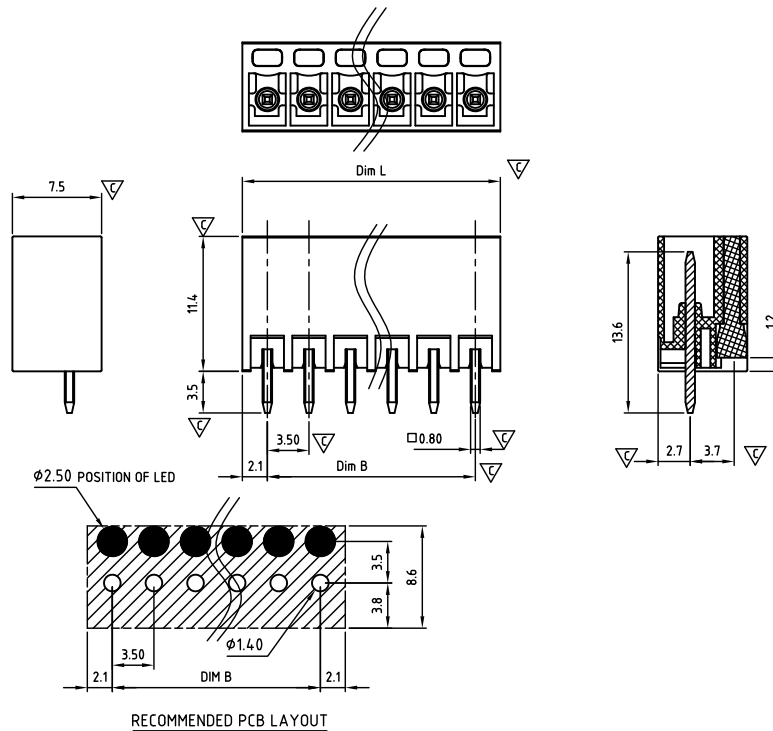
CAPBSD350 Series





CAHABV350-SERIES (with light guide type)

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)x3.5+4.2

Dim.B=(P-1)x3.5

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHABV35002xL00	1000
3	CAHABV35003xL00	700
4	CAHABV35004xL00	500
5	CAHABV35005xL00	400
6	CAHABV35006xL00	300
7	CAHABV35007xL00	300
8	CAHABV35008xL00	300
9	CAHABV35009xL00	300
10	CAHABV35010xL00	250
11	CAHABV35011xL00	250
12	CAHABV35012xL00	200
13	CAHABV35013xL00	0
14	CAHABV35014xL00	0
15	CAHABV35015xL00	0
16	CAHABV35016xL00	0
17	CAHABV35017xL00	0
18	CAHABV35018xL00	0
19	CAHABV35019xL00	0
20	CAHABV35020xL00	0
21	CAHABV35021xL00	0
22	CAHABV35022xL00	0
23	CAHABV35023xL00	0
24	CAHABV35024xL00	0

Ordering code

CAHA BV 350 xx x L00

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	7 Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

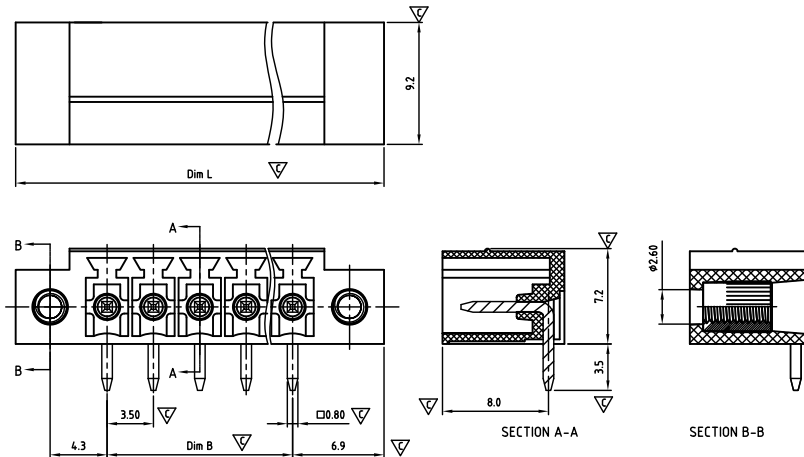
CAPBSD350xxxL00 Series





CAHACH350-SERIES

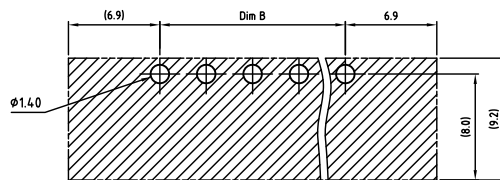
cULus E501953



Critical dimension: ▽

Dim.L=(P-1)x3.5+13.8
Dim.B=(P-1)x3.5
P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40



RECOMMENDED PCB LAYOUT

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)	300	-	300	
Nominal current (A)	8	-	8	
Connection capacity(AWG)	-	-	-	

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHACH35002x000	700
3	CAHACH35003x000	560
4	CAHACH35004x000	400
5	CAHACH35005x000	400
6	CAHACH35006x000	400
7	CAHACH35007x000	280
8	CAHACH35008x000	240
9	CAHACH35009x000	240
10	CAHACH35010x000	240
11	CAHACH35011x000	240
12	CAHACH35012x000	220
13	CAHACH35013x000	220
14	CAHACH35014x000	190
15	CAHACH35015x000	190
16	CAHACH35016x000	165
17	CAHACH35017x000	160
18	CAHACH35018x000	160
19	CAHACH35019x000	150
20	CAHACH35020x000	150
21	CAHACH35021x000	140
22	CAHACH35022x000	140
23	CAHACH35023x000	135
24	CAHACH35024x000	135

Ordering code

CAHA CH 350 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT350 Series



CAMBFR350 Series

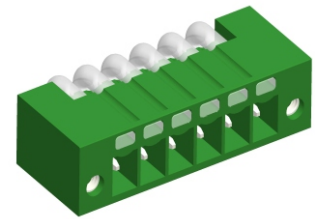


CAMBFW350 Series



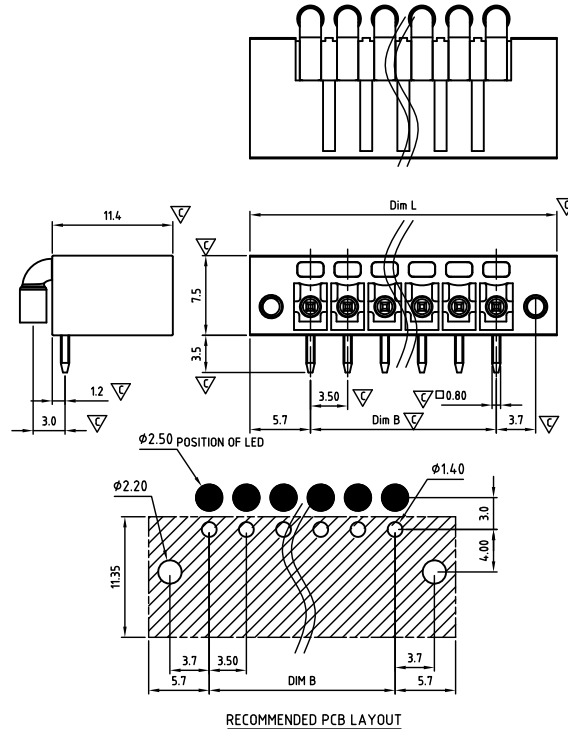
CAPBFD350 Series





CAHACH350-SERIES (with light guide type)

cULus E501953



Critical dimension: ∇

Dim.L=(P-1)x3.5+11.4

Dim.B=(P-1)x3.5

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHACH35002xL00	700
3	CAHACH35003xL00	560
4	CAHACH35004xL00	400
5	CAHACH35005xL00	400
6	CAHACH35006xL00	400
7	CAHACH35007xL00	300
8	CAHACH35008xL00	250
9	CAHACH35009xL00	250
10	CAHACH35010xL00	250
11	CAHACH35011xL00	200
12	CAHACH35012xL00	200
13	CAHACH35013xL00	0
14	CAHACH35014xL00	0
15	CAHACH35015xL00	0
16	CAHACH35016xL00	0
17	CAHACH35017xL00	0
18	CAHACH35018xL00	0
19	CAHACH35019xL00	0
20	CAHACH35020xL00	0
21	CAHACH35021xL00	0
22	CAHACH35022xL00	0
23	CAHACH35023xL00	0
24	CAHACH35024xL00	0

Ordering code

CAHA CH 350 xx x L00

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

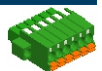
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1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

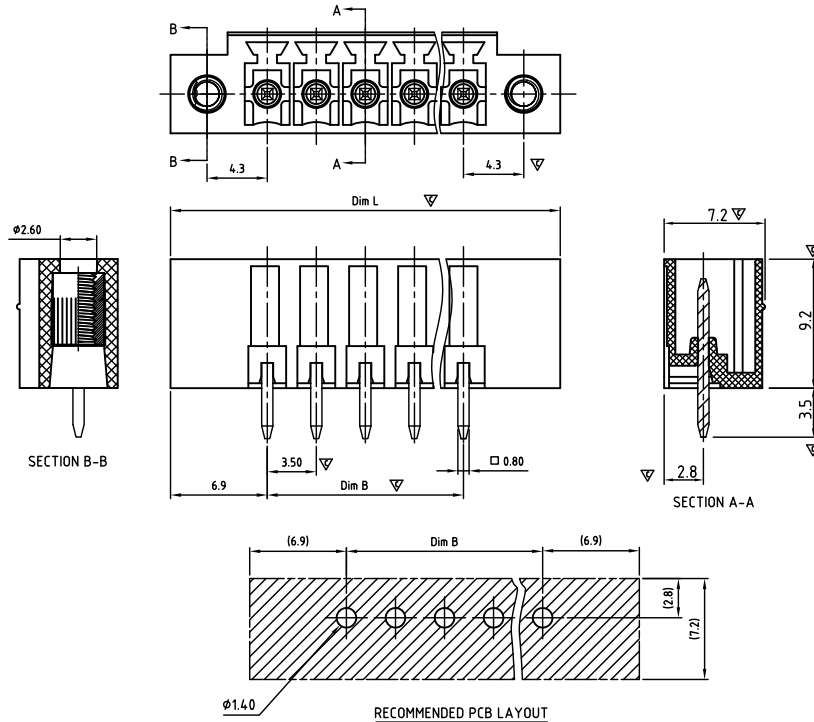
CAPBFD350xxxL00 Series





CAHACV350-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)×3.5+13.8

Dim.B=(P-1)×3.5

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm ²)	8 / -		
Solid/stranded(mm ²)	-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHACV35002x000	700
3	CAHACV35003x000	560
4	CAHACV35004x000	400
5	CAHACV35005x000	380
6	CAHACV35006x000	300
7	CAHACV35007x000	300
8	CAHACV35008x000	300
9	CAHACV35009x000	270
10	CAHACV35010x000	250
11	CAHACV35011x000	225
12	CAHACV35012x000	175
13	CAHACV35013x000	175
14	CAHACV35014x000	150
15	CAHACV35015x000	150
16	CAHACV35016x000	150
17	CAHACV35017x000	145
18	CAHACV35018x000	145
19	CAHACV35019x000	135
20	CAHACV35020x000	135
21	CAHACV35021x000	135
22	CAHACV35022x000	125
23	CAHACV35023x000	125
24	CAHACV35024x000	110

Ordering code

CAHA CV 350 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT350 Series



CAMBFR350 Series

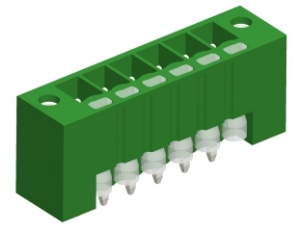


CAMBFW350 Series



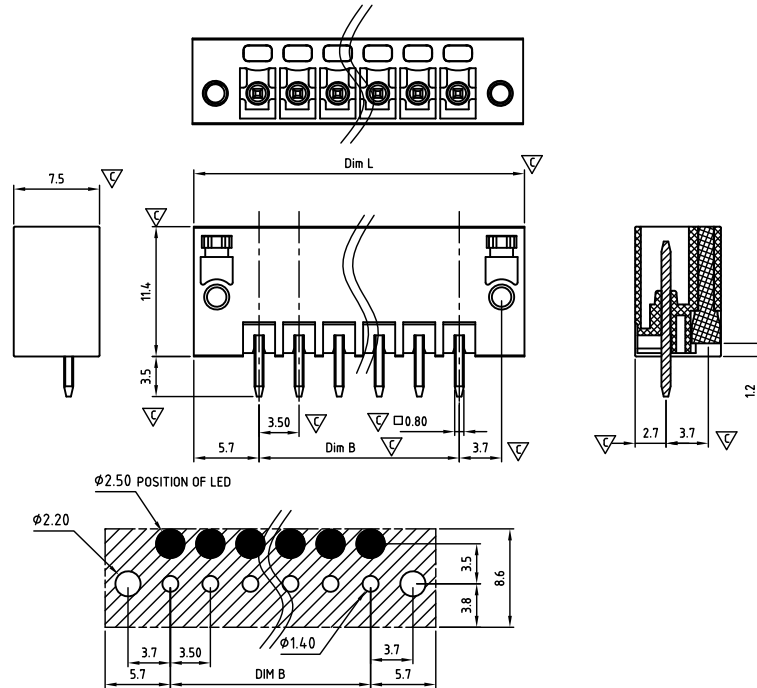
CAPBFD350 Series





CAHACV350-SERIES (with light guide type)

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)×3.5+11.4

Dim.B=(P-1)×3.5

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

RECOMMENDED PCB LAYOUT

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
	Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHACV35002xL00	700
3	CAHACV35003xL00	560
4	CAHACV35004xL00	400
5	CAHACV35005xL00	400
6	CAHACV35006xL00	400
7	CAHACV35007xL00	300
8	CAHACV35008xL00	250
9	CAHACV35009xL00	250
10	CAHACV35010xL00	250
11	CAHACV35011xL00	200
12	CAHACV35012xL00	200
13	CAHACV35013xL00	0
14	CAHACV35014xL00	0
15	CAHACV35015xL00	0
16	CAHACV35016xL00	0
17	CAHACV35017xL00	0
18	CAHACV35018xL00	0
19	CAHACV35019xL00	0
20	CAHACV35020xL00	0
21	CAHACV35021xL00	0
22	CAHACV35022xL00	0
23	CAHACV35023xL00	0
24	CAHACV35024xL00	0

Ordering code

CAHA CV 350 xx x L00

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

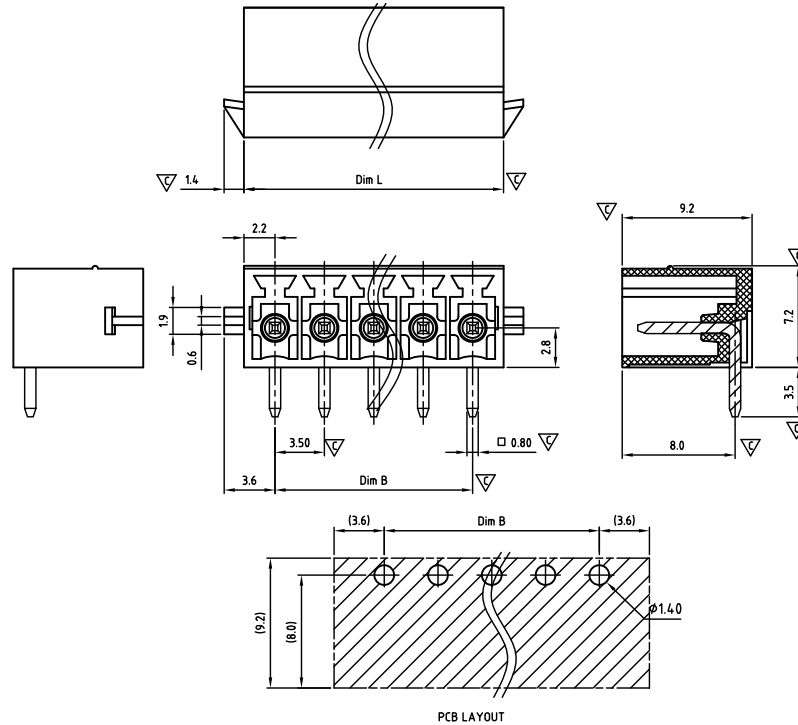
CAPBFD350xxxL00 Series





CAHADH350-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)x3.5+4.4

Dim.B=(P-1)x3.5

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm ²)	8 / -		
Solid/stranded(mm ²)	-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHADH35002x000	1200
3	CAHADH35003x000	750
4	CAHADH35004x000	620
5	CAHADH35005x000	500
6	CAHADH35006x000	400
7	CAHADH35007x000	350
8	CAHADH35008x000	300
9	CAHADH35009x000	300
10	CAHADH35010x000	340
11	CAHADH35011x000	300
12	CAHADH35012x000	270
13	CAHADH35013x000	245
14	CAHADH35014x000	245
15	CAHADH35015x000	205
16	CAHADH35016x000	185
17	CAHADH35017x000	150
18	CAHADH35018x000	150
19	CAHADH35019x000	150
20	CAHADH35020x000	140
21	CAHADH35021x000	135
22	CAHADH35022x000	135
23	CAHADH35023x000	135
24	CAHADH35024x000	125

Ordering code

CAHA DH 350 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

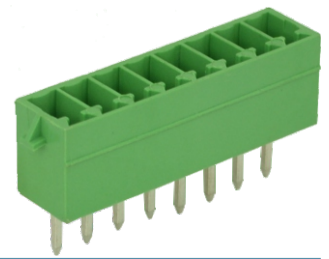
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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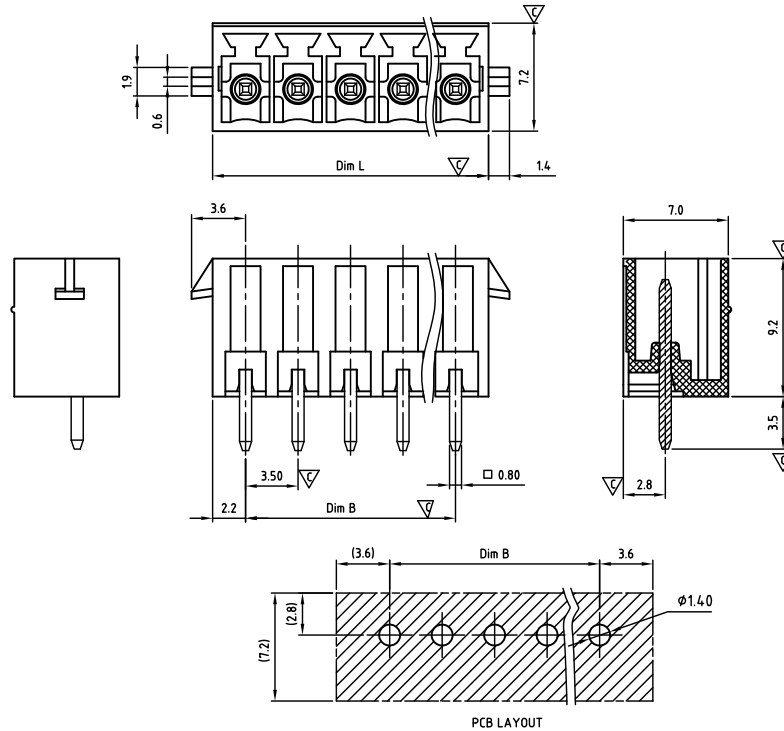
CAPBLD350 Series





CAHADV350-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(P-1)x3.5+4.4		
Dim.B=(P-1)x3.5		
P=Number of poles (02-24)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
	Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		160	
Rated current/conductor cross-section (A/mm ²)		8 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000M Ω or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250 \pm 5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHADV35002x000	1000
3	CAHADV35003x000	750
4	CAHADV35004x000	620
5	CAHADV35005x000	500
6	CAHADV35006x000	450
7	CAHADV35007x000	380
8	CAHADV35008x000	400
9	CAHADV35009x000	300
10	CAHADV35010x000	320
11	CAHADV35011x000	300
12	CAHADV35012x000	270
13	CAHADV35013x000	245
14	CAHADV35014x000	245
15	CAHADV35015x000	210
16	CAHADV35016x000	185
17	CAHADV35017x000	180
18	CAHADV35018x000	180
19	CAHADV35019x000	180
20	CAHADV35020x000	145
21	CAHADV35021x000	130
22	CAHADV35022x000	130
23	CAHADV35023x000	120
24	CAHADV35024x000	120

Ordering code

CAHA DV 350 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

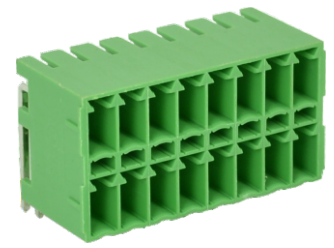
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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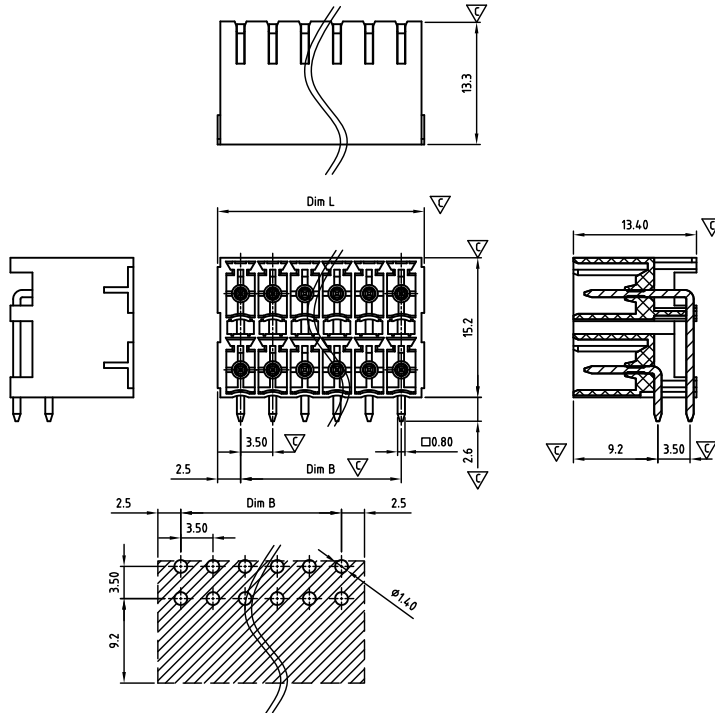
CAPBLD350 Series





CAHFBH350-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+4.4		
Dim.B=(1/2P-1)x3.5		
P=Number of poles (04-48)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
\varnothing	Units:mm

Pitch 3,50mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	150
Nominal current (A)	8	-	-	8
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160	
Rated current/conductor cross-section (A/mm ²)		8 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SQ
2*2	CAHFBH35004x000	550
2*3	CAHFBH35006x000	400
2*4	CAHFBH35008x000	280
2*5	CAHFBH35010x000	280
2*6	CAHFBH35012x000	220
2*7	CAHFBH35014x000	195
2*8	CAHFBH35016x000	165
2*9	CAHFBH35018x000	140
2*10	CAHFBH35020x000	140
2*11	CAHFBH35022x000	110
2*12	CAHFBH35024x000	110
2*13	CAHFBH35026x000	110
2*14	CAHFBH35028x000	80
2*15	CAHFBH35030x000	80
2*16	CAHFBH35032x000	80
2*17	CAHFBH35034x000	80
2*18	CAHFBH35036x000	55
2*19	CAHFBH35038x000	55
2*20	CAHFBH35040x000	55
2*21	CAHFBH35042x000	55
2*22	CAHFBH35044x000	55
2*23	CAHFBH35046x000	55
2*24	CAHFBH35048x000	55

Ordering code

CAHFBH 350 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

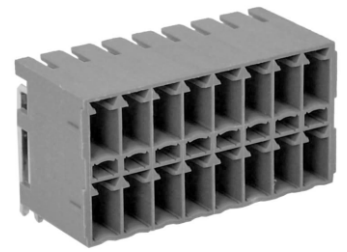
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAPBSD350 Series

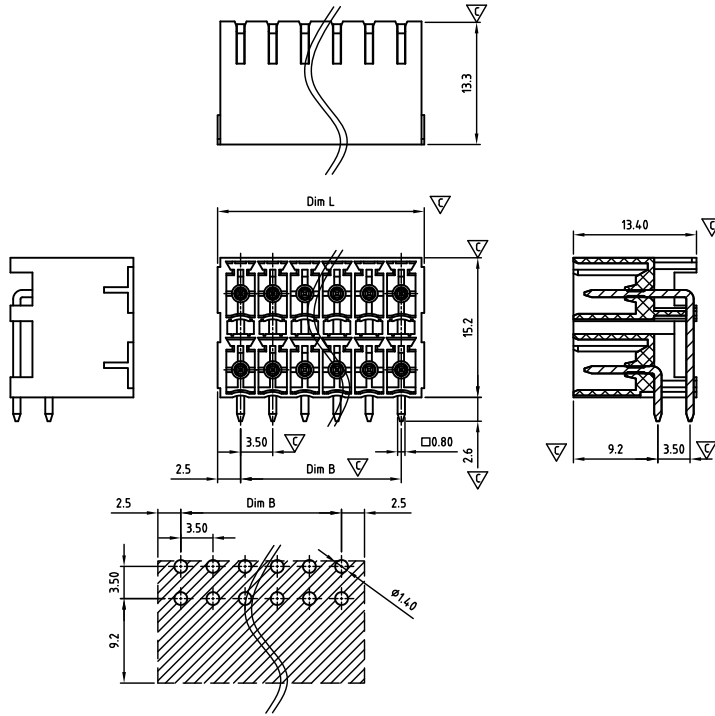




CAHFBH350xx0HR0-SERIES

Pitch 3,50mm

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+4.4		
Dim.B=(1/2P-1)x3.5		
P=Number of poles (04-48)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	150	
Nominal current (A)	8	-	8	
Connection capacity(AWG)	-	-	-	

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm ²)	8 / -		
Solid/stranded(mm ²)	-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	260 \pm 5°C/10s

Materials

Insulation material group	PA 6T I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	T&R SPQ	Box SPQ
2*2	CAHFBH350040Hx0	180	550
2*3	CAHFBH350060Hx0	180	400
2*4	CAHFBH350080Hx0	180	280
2*5	CAHFBH350100Hx0	180	280
2*6	CAHFBH350120Hx0	180	220
2*7	CAHFBH350140Hx0	180	195
2*8	CAHFBH350160Hx0	180	165
2*9	CAHFBH350180Hx0	180	140
2*10	CAHFBH350200Hx0	180	140
2*11	CAHFBH350220Hx0	180	110
2*12	CAHFBH350240Hx0	180	110
2*13	CAHFBH350260Hx0	180	110
2*14	CAHFBH350280Hx0	180	80
2*15	CAHFBH350300Hx0	180	80
2*16	CAHFBH350320Hx0	180	80
2*17	CAHFBH350340H00	-	80
2*18	CAHFBH350360H00	-	55
2*19	CAHFBH350380H00	-	55
2*20	CAHFBH350400H00	-	55
2*21	CAHFBH350420H00	-	55
2*22	CAHFBH350440H00	-	55
2*23	CAHFBH350460H00	-	55
2*24	CAHFBH350480H00	-	55

Ordering code

CAHFBH 350 xx 0 Hxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ H00 : High temperature material, Box packing
 HR0 : High temperature material, T&R packing

Color
 0 Black

Key Commercial data

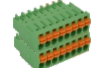
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Country of origin	CN (China)

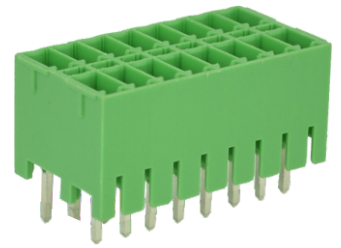
Mating with headers

CAPBSD350 Series



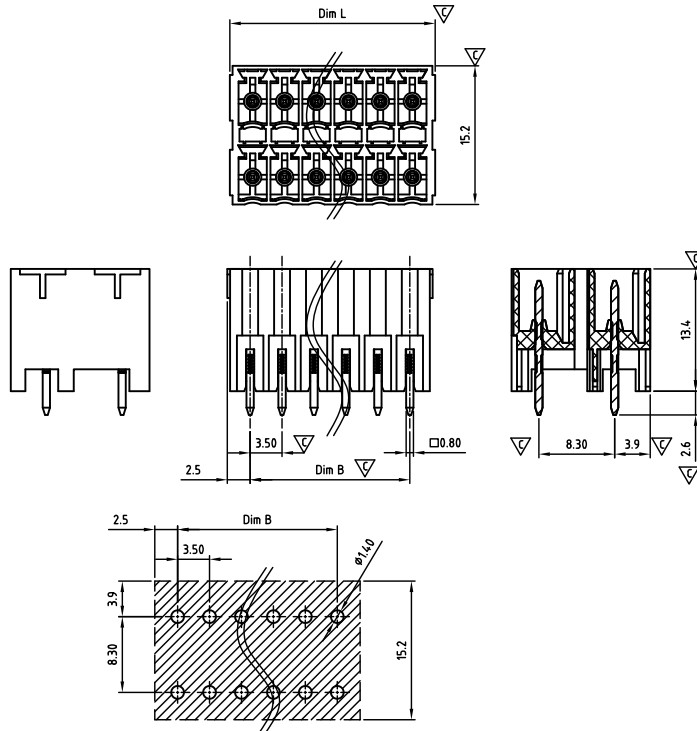
CAPBSD350xxxD00 Series





CAHFBV350-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+4.4		
Dim.B=(1/2P-1)x3.5		
P=Number of poles (04-48)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	150	
Nominal current (A)	8	-	8	
Connection capacity(AWG)	-	-	-	

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFBV35004x000	480
2*3	CAHFBV35006x000	340
2*4	CAHFBV35008x000	240
2*5	CAHFBV35010x000	240
2*6	CAHFBV35012x000	190
2*7	CAHFBV35014x000	165
2*8	CAHFBV35016x000	140
2*9	CAHFBV35018x000	120
2*10	CAHFBV35020x000	120
2*11	CAHFBV35022x000	95
2*12	CAHFBV35024x000	95
2*13	CAHFBV35026x000	95
2*14	CAHFBV35028x000	70
2*15	CAHFBV35030x000	70
2*16	CAHFBV35032x000	70
2*17	CAHFBV35034x000	70
2*18	CAHFBV35036x000	48
2*19	CAHFBV35038x000	48
2*20	CAHFBV35040x000	48
2*21	CAHFBV35042x000	48
2*22	CAHFBV35044x000	48
2*23	CAHFBV35046x000	48
2*24	CAHFBV35048x000	48

Ordering code

CAHF BV 350 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

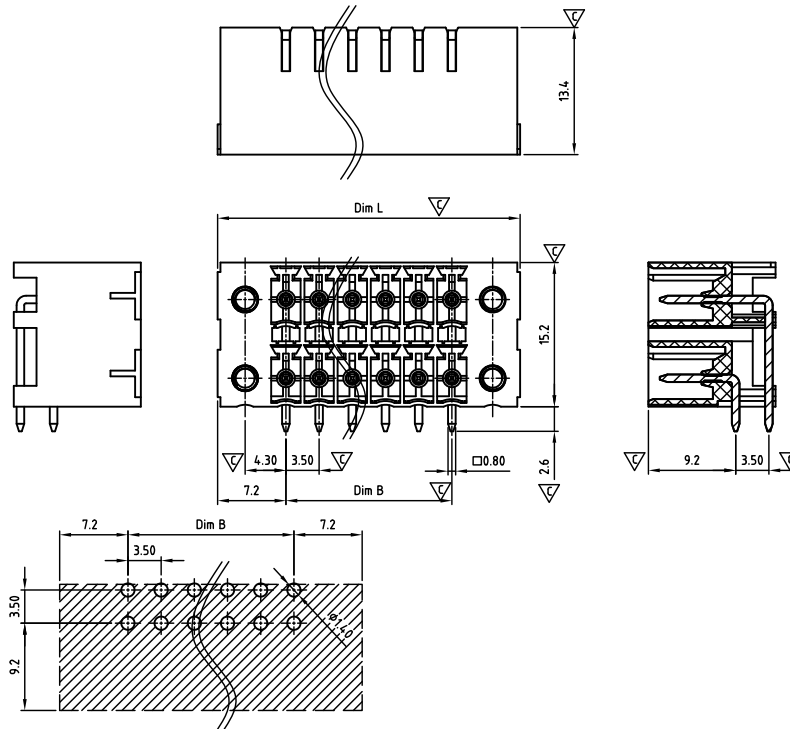
CAPBSD350 Series





CAHFCH350-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(1/2P-1)x3.5+14.4

Dim.B=(1/2P-1)x3.5

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	150	
Nominal current (A)	8	-	8	
Connection capacity(AWG)	-	-	-	

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFCH35004x000	250
2*3	CAHFCH35006x000	200
2*4	CAHFCH35008x000	160
2*5	CAHFCH35010x000	160
2*6	CAHFCH35012x000	160
2*7	CAHFCH35014x000	140
2*8	CAHFCH35016x000	110
2*9	CAHFCH35018x000	110
2*10	CAHFCH35020x000	110
2*11	CAHFCH35022x000	84
2*12	CAHFCH35024x000	84
2*13	CAHFCH35026x000	84
2*14	CAHFCH35028x000	84
2*15	CAHFCH35030x000	55
2*16	CAHFCH35032x000	55
2*17	CAHFCH35034x000	55
2*18	CAHFCH35036x000	55
2*19	CAHFCH35038x000	55
2*20	CAHFCH35040x000	55
2*21	CAHFCH35042x000	55
2*22	CAHFCH35044x000	55
2*23	CAHFCH35046x000	55
2*24	CAHFCH35048x000	28

Ordering code

CAHF CH 350 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

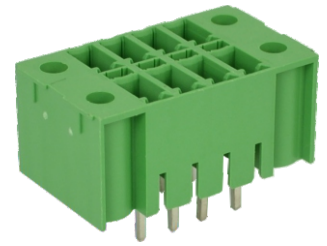
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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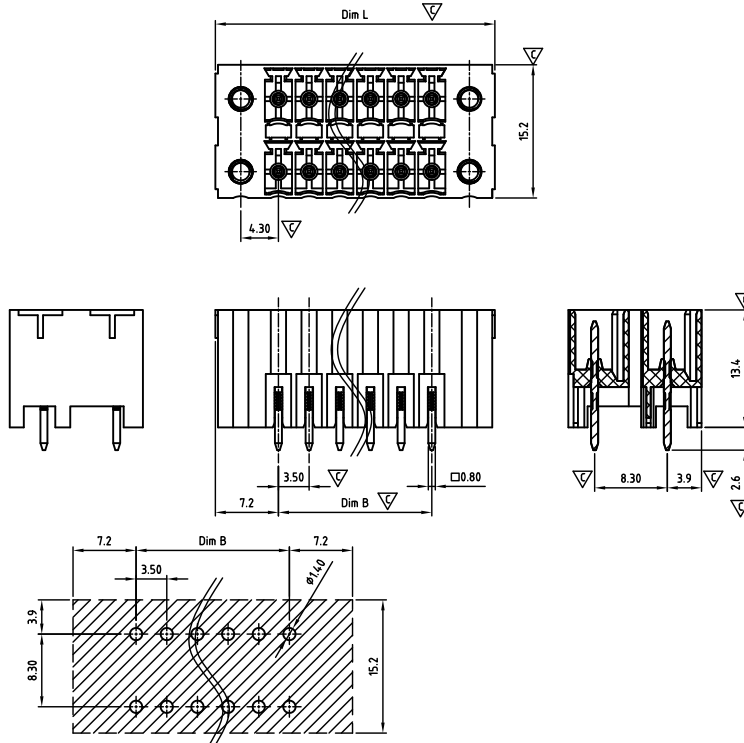
CAPBFD350 Series





CAHFCV350-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+14.4		
Dim.B=(1/2P-1)x3.5		
P=Number of poles (04-48)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	150	
Nominal current (A)	8	-	8	
Connection capacity(AWG)	-	-	-	

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFCV35004x000	200
2*3	CAHFCV35006x000	160
2*4	CAHFCV35008x000	130
2*5	CAHFCV35010x000	140
2*6	CAHFCV35012x000	140
2*7	CAHFCV35014x000	120
2*8	CAHFCV35016x000	95
2*9	CAHFCV35018x000	95
2*10	CAHFCV35020x000	95
2*11	CAHFCV35022x000	70
2*12	CAHFCV35024x000	70
2*13	CAHFCV35026x000	70
2*14	CAHFCV35028x000	70
2*15	CAHFCV35030x000	48
2*16	CAHFCV35032x000	48
2*17	CAHFCV35034x000	48
2*18	CAHFCV35036x000	48
2*19	CAHFCV35038x000	48
2*20	CAHFCV35040x000	48
2*21	CAHFCV35042x000	48
2*22	CAHFCV35044x000	48
2*23	CAHFCV35046x000	48
2*24	CAHFCV35048x000	24

Ordering code

CAHF CV 350 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

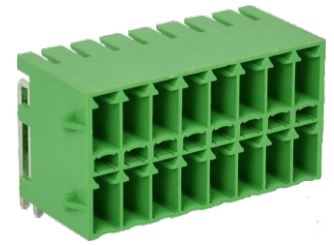
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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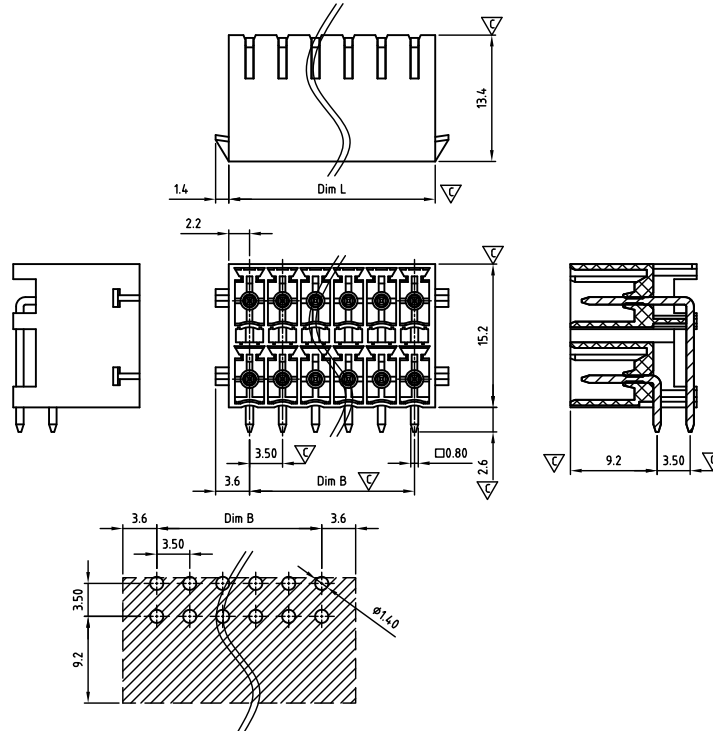
CAPBFD350 Series





CAHFDH350-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+4.4		
Dim.B=(1/2P-1)x3.5		
P=Number of poles (04-48)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	150
Nominal current (A)	8	-	-	8
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage	AC 1600 / 1min	
Insulation Resistance	1000M Ω or more at DC500V	
Using temperature range	-40°C-115°C	
Soldering temperature	250 \pm 5°C/5s	

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFDH35004x000	550
2*3	CAHFDH35006x000	400
2*4	CAHFDH35008x000	280
2*5	CAHFDH35010x000	280
2*6	CAHFDH35012x000	220
2*7	CAHFDH35014x000	195
2*8	CAHFDH35016x000	165
2*9	CAHFDH35018x000	140
2*10	CAHFDH35020x000	140
2*11	CAHFDH35022x000	110
2*12	CAHFDH35024x000	110
2*13	CAHFDH35026x000	110
2*14	CAHFDH35028x000	80
2*15	CAHFDH35030x000	80
2*16	CAHFDH35032x000	80
2*17	CAHFDH35034x000	80
2*18	CAHFDH35036x000	55
2*19	CAHFDH35038x000	55
2*20	CAHFDH35040x000	55
2*21	CAHFDH35042x000	55
2*22	CAHFDH35044x000	55
2*23	CAHFDH35046x000	55
2*24	CAHFDH35048x000	55

Ordering code

CAHF DH 350 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

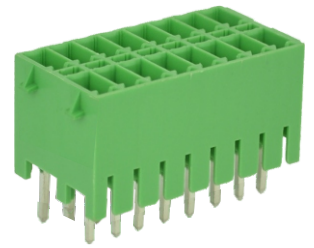
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAPBLD350 Series

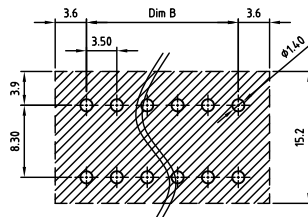
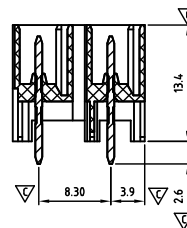
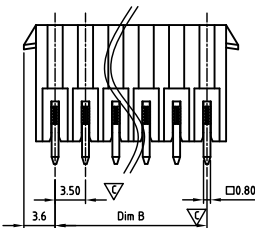
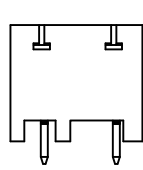
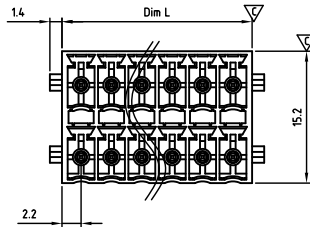




CAHFDV350-SERIES

Pitch 3,50mm

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+4.4

Dim.B=(1/2P-1)x3.5

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	150
Nominal current (A)	8	-	-	8
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFDV35004x000	480
2*3	CAHFDV35006x000	340
2*4	CAHFDV35008x000	240
2*5	CAHFDV35010x000	240
2*6	CAHFDV35012x000	190
2*7	CAHFDV35014x000	165
2*8	CAHFDV35016x000	140
2*9	CAHFDV35018x000	120
2*10	CAHFDV35020x000	120
2*11	CAHFDV35022x000	95
2*12	CAHFDV35024x000	95
2*13	CAHFDV35026x000	95
2*14	CAHFDV35028x000	70
2*15	CAHFDV35030x000	70
2*16	CAHFDV35032x000	70
2*17	CAHFDV35034x000	70
2*18	CAHFDV35036x000	48
2*19	CAHFDV35038x000	48
2*20	CAHFDV35040x000	48
2*21	CAHFDV35042x000	48
2*22	CAHFDV35044x000	48
2*23	CAHFDV35046x000	48
2*24	CAHFDV35048x000	48

Ordering code

CAHF DV 350 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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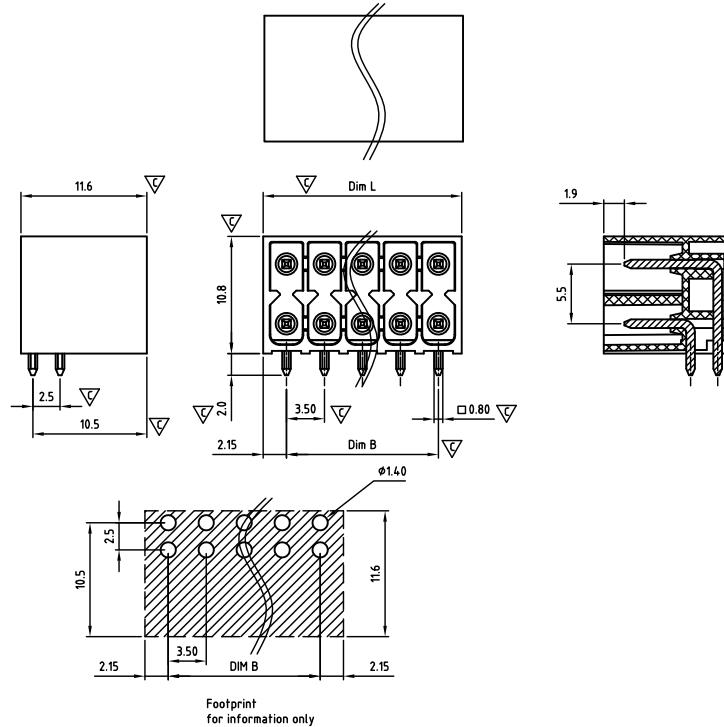
CAPBLD350 Series





CAHGBH350-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+4.3

Dim.B=(1/2P-1)x3.5

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		150	50	-
Nominal current (A)		8	8	-
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	1.5	2.5	2.5	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage	AC 1600 / 1min	
Insulation Resistance	1000M Ω or more at DC500V	
Using temperature range	-40°C-130°C	
Soldering temperature	260 \pm 5°C/10s	

Materials

Insulation material group	LCP I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHGBH35004x000	350
2*3	CAHGBH35006x000	220
2*4	CAHGBH35008x000	160
2*5	CAHGBH35010x000	130
2*6	CAHGBH35012x000	135
2*7	CAHGBH35014x000	120
2*8	CAHGBH35016x000	105
2*9	CAHGBH35018x000	90
2*10	CAHGBH35020x000	75
2*11	CAHGBH35022x000	75
2*12	CAHGBH35024x000	60
2*13	CAHGBH35026x000	60
2*14	CAHGBH35028x000	60
2*15	CAHGBH35030x000	45
2*16	CAHGBH35032x000	45
2*17	CAHGBH35034x000	45
2*18	CAHGBH35036x000	45
2*19	CAHGBH35038x000	45
2*20	CAHGBH35040x000	30
2*21	CAHGBH35042x000	30
2*22	CAHGBH35044x000	30
2*23	CAHGBH35046x000	30
2*24	CAHGBH35048x000	30

Ordering code

CAHGBH 350 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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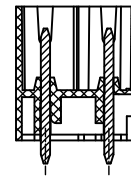
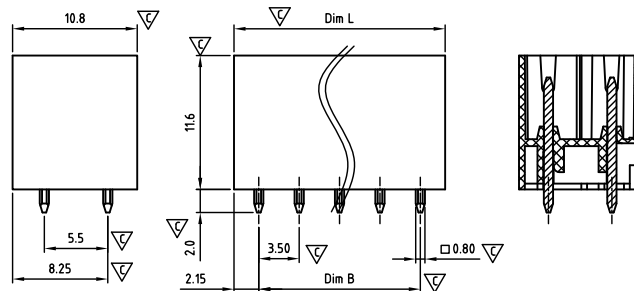
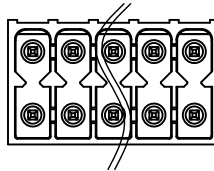
CAPDSD350 Series





CAHGBV350-SERIES

cULus E501953



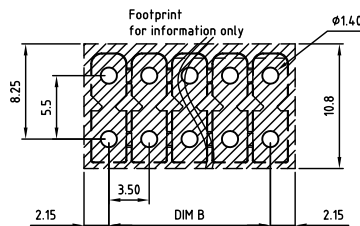
Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+4.3

Dim.B=(1/2P-1)x3.5

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40



Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	50	300
Nominal current (A)		8	8	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160	
Rated current/conductor cross-section (A/mm ²)		8 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	1.5	2.5	2.5

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-130°C
Soldering temperature		260±5°C/10s

Materials

Insulation material group		LCP I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHGBV35004x000	350
2*3	CAHGBV35006x000	220
2*4	CAHGBV35008x000	160
2*5	CAHGBV35010x000	130
2*6	CAHGBV35012x000	135
2*7	CAHGBV35014x000	120
2*8	CAHGBV35016x000	105
2*9	CAHGBV35018x000	90
2*10	CAHGBV35020x000	75
2*11	CAHGBV35022x000	75
2*12	CAHGBV35024x000	60
2*13	CAHGBV35026x000	60
2*14	CAHGBV35028x000	60
2*15	CAHGBV35030x000	45
2*16	CAHGBV35032x000	45
2*17	CAHGBV35034x000	45
2*18	CAHGBV35036x000	45
2*19	CAHGBV35038x000	45
2*20	CAHGBV35040x000	30
2*21	CAHGBV35042x000	30
2*22	CAHGBV35044x000	30
2*23	CAHGBV35046x000	30
2*24	CAHGBV35048x000	30

Ordering code

CAHG BV 350 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAPDSD350 Series

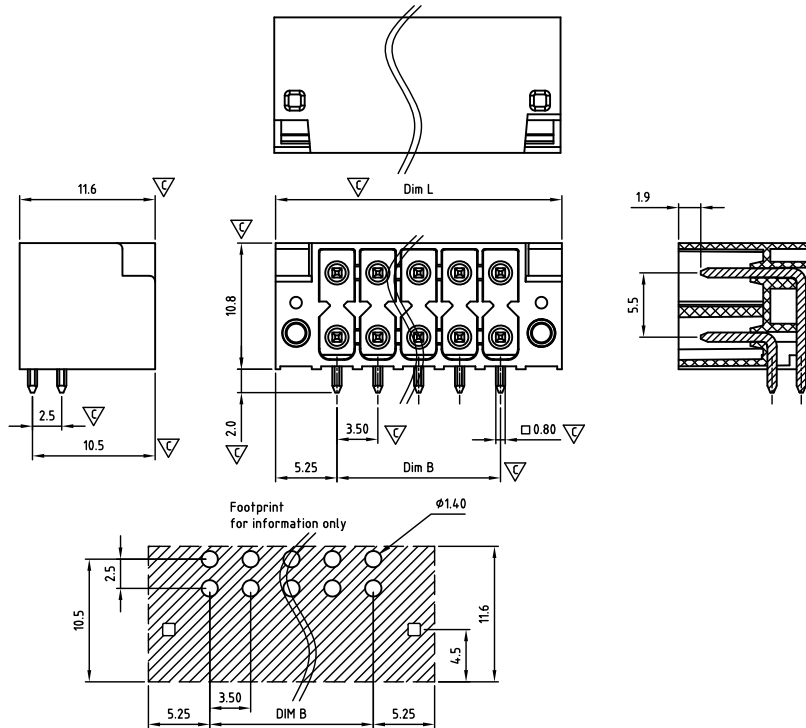




CAHGCH350-SERIES

Pitch 3,50mm

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+10.5

Dim.B=(1/2P-1)x3.5

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		150	50	-
Nominal current (A)		8	8	-
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	1.5	2.5	2.5	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-130°C
Soldering temperature	260 \pm 5°C/10s

Materials

Insulation material group	LCP I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHGCH35004x000	160
2*3	CAHGCH35006x000	140
2*4	CAHGCH35008x000	120
2*5	CAHGCH35010x000	100
2*6	CAHGCH35012x000	90
2*7	CAHGCH35014x000	75
2*8	CAHGCH35016x000	75
2*9	CAHGCH35018x000	60
2*10	CAHGCH35020x000	60
2*11	CAHGCH35022x000	60
2*12	CAHGCH35024x000	45
2*13	CAHGCH35026x000	45
2*14	CAHGCH35028x000	45
2*15	CAHGCH35030x000	45
2*16	CAHGCH35032x000	45
2*17	CAHGCH35034x000	45
2*18	CAHGCH35036x000	30
2*19	CAHGCH35038x000	30
2*20	CAHGCH35040x000	30
2*21	CAHGCH35042x000	30
2*22	CAHGCH35044x000	30
2*23	CAHGCH35046x000	30
2*24	CAHGCH35048x000	30

Ordering code

CAHG CH 350 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAPDFD350 Series



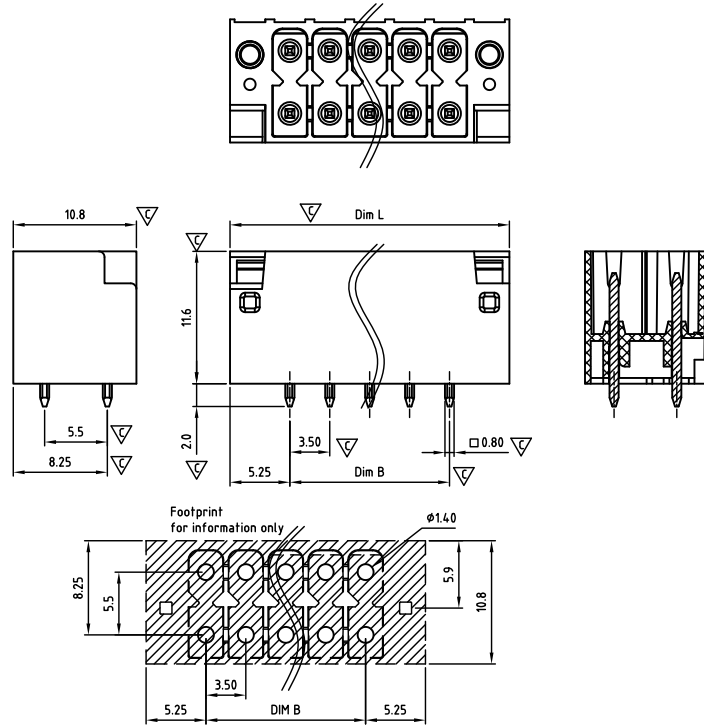
CAPDFD350xxxL00 Series





CAHGCV350-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.5+10.5		
Dim.B=(1/2P-1)x3.5		
P=Number of poles (04-48)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
∇	Units:mm

Pitch 3,50mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	50	300
Nominal current (A)		8	8	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	1.5	2.5	2.5	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-130°C
Soldering temperature	260 \pm 5°C/10s

Materials

Insulation material group	LCP I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHGCV35004x000	160
2*3	CAHGCV35006x000	140
2*4	CAHGCV35008x000	120
2*5	CAHGCV35010x000	100
2*6	CAHGCV35012x000	105
2*7	CAHGCV35014x000	90
2*8	CAHGCV35016x000	75
2*9	CAHGCV35018x000	75
2*10	CAHGCV35020x000	60
2*11	CAHGCV35022x000	60
2*12	CAHGCV35024x000	60
2*13	CAHGCV35026x000	45
2*14	CAHGCV35028x000	45
2*15	CAHGCV35030x000	45
2*16	CAHGCV35032x000	45
2*17	CAHGCV35034x000	45
2*18	CAHGCV35036x000	30
2*19	CAHGCV35038x000	30
2*20	CAHGCV35040x000	30
2*21	CAHGCV35042x000	30
2*22	CAHGCV35044x000	30
2*23	CAHGCV35046x000	30
2*24	CAHGCV35048x000	30

Ordering code

CAHG CV 350 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAPDFD350 Series



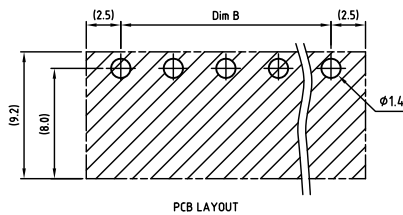
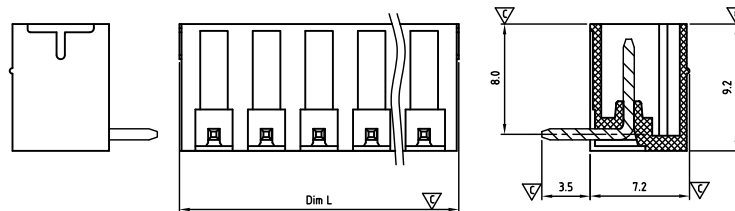
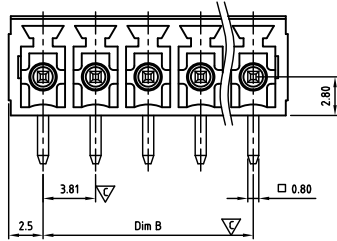
CAPDFD350xxxL00 Series





CAHABH381-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(P-1)x3.81+5.2		
Dim.B=(P-1)x3.81		
P=Number of poles (02-24)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
Units:mm	

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000M Ω or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250 \pm 5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHABH38102x000	1200
3	CAHABH38103x000	750
4	CAHABH38104x000	620
5	CAHABH38105x000	500
6	CAHABH38106x000	400
7	CAHABH38107x000	350
8	CAHABH38108x000	300
9	CAHABH38109x000	300
10	CAHABH38110x000	340
11	CAHABH38111x000	300
12	CAHABH38112x000	270
13	CAHABH38113x000	245
14	CAHABH38114x000	245
15	CAHABH38115x000	205
16	CAHABH38116x000	185
17	CAHABH38117x000	150
18	CAHABH38118x000	150
19	CAHABH38119x000	150
20	CAHABH38120x000	140
21	CAHABH38121x000	135
22	CAHABH38122x000	135
23	CAHABH38123x000	135
24	CAHABH38124x000	125

Ordering code

CAHA BH 381 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST381 Series



CAMBSR381 Series



CAMBSW381 Series

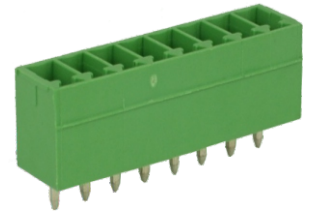


CAPAST381 Series



CAPBSD381 Series

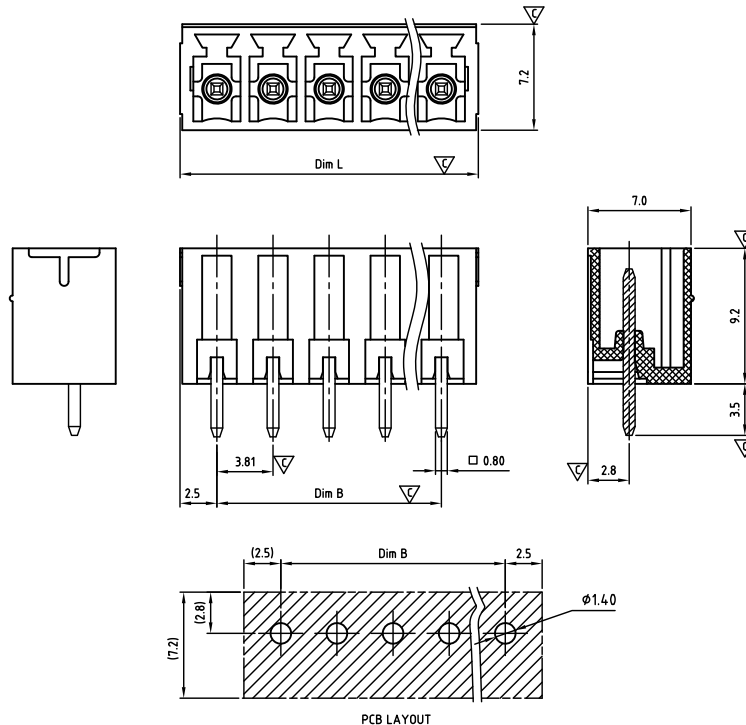




CAHABV381-SERIES

Pitch 3,81mm

cULus E501953



Critical dimension: ∇

Dim.L=(P-1)x3.81+5.2		
Dim.B=(P-1)x3.81		
P=Number of poles (02-24)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm ²)	8 / -		
Solid/stranded(mm ²)	-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHABV38102x000	1000
3	CAHABV38103x000	750
4	CAHABV38104x000	620
5	CAHABV38105x000	500
6	CAHABV38106x000	450
7	CAHABV38107x000	380
8	CAHABV38108x000	400
9	CAHABV38109x000	300
10	CAHABV38110x000	320
11	CAHABV38111x000	300
12	CAHABV38112x000	270
13	CAHABV38113x000	245
14	CAHABV38114x000	245
15	CAHABV38115x000	210
16	CAHABV38116x000	185
17	CAHABV38117x000	180
18	CAHABV38118x000	180
19	CAHABV38119x000	180
20	CAHABV38120x000	145
21	CAHABV38121x000	130
22	CAHABV38122x000	130
23	CAHABV38123x000	120
24	CAHABV38124x000	120

Ordering code

CAHA BV 381 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

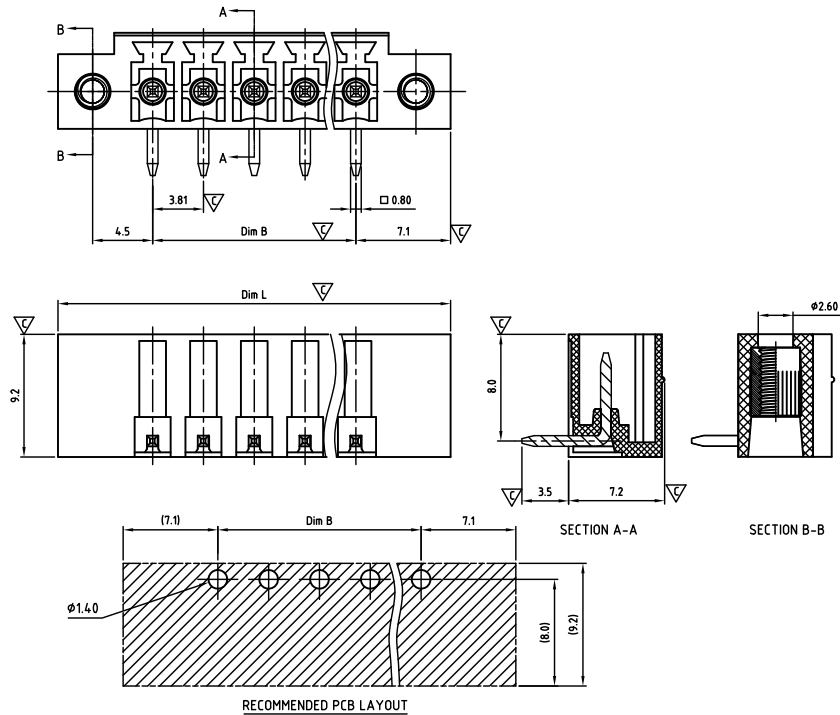
Mating with headers





CAHACH381-SERIES

cULus E501953



Critical dimension: ∇

Dim L=(P-1) \times 3.81+14.2

Dim B=(P-1) \times 3.81

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x ^o	+/- 1 ^o

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity (AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm ²)	8 / -		
Solid/stranded(mm ²)	-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40 $^{\circ}$ C-115 $^{\circ}$ C
Soldering temperature	250 \pm 5 $^{\circ}$ C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8 \times 0.8

Packing information

Poles	Order Number	SPQ
2	CAHACH38102x000	700
3	CAHACH38103x000	560
4	CAHACH38104x000	400
5	CAHACH38105x000	400
6	CAHACH38106x000	400
7	CAHACH38107x000	280
8	CAHACH38108x000	240
9	CAHACH38109x000	240
10	CAHACH38110x000	240
11	CAHACH38111x000	240
12	CAHACH38112x000	220
13	CAHACH38113x000	220
14	CAHACH38114x000	190
15	CAHACH38115x000	190
16	CAHACH38116x000	165
17	CAHACH38117x000	160
18	CAHACH38118x000	160
19	CAHACH38119x000	150
20	CAHACH38120x000	150
21	CAHACH38121x000	140
22	CAHACH38122x000	140
23	CAHACH38123x000	135
24	CAHACH38124x000	135

Ordering code

CAHA CH 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT381 Series



CAMBFR381 Series



CAMBFW381 Series



CAPAF381 Series



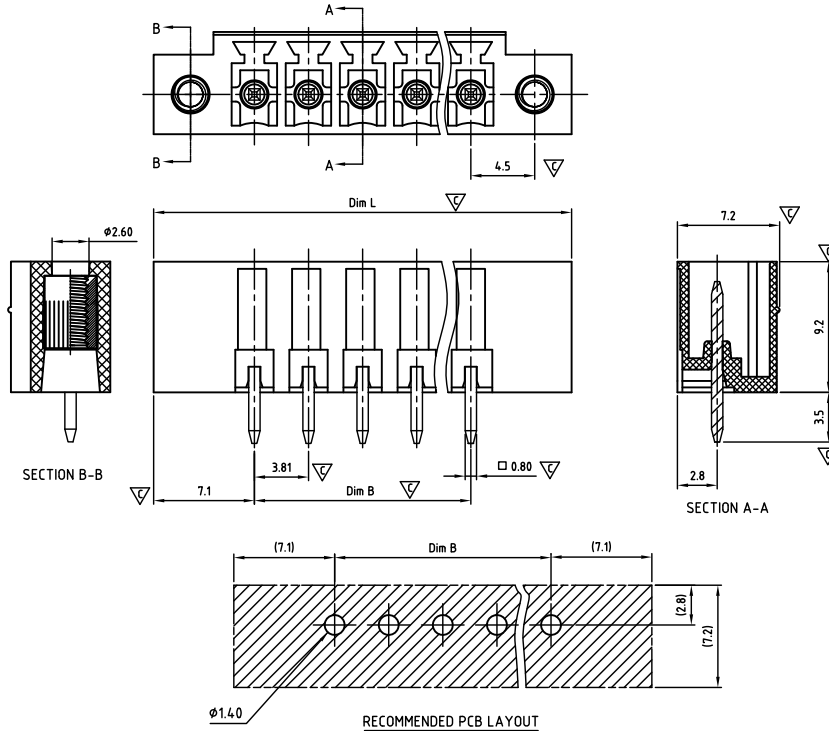
CAPBFD381 Series





CAHACV381-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)×3.81+14.2

Dim.B=(P-1)×3.81

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		8	-	8
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm ²)	8 / -		
Solid/stranded(mm ²)	-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2	CAHACV38102x000	700
3	CAHACV38103x000	560
4	CAHACV38104x000	400
5	CAHACV38105x000	380
6	CAHACV38106x000	300
7	CAHACV38107x000	300
8	CAHACV38108x000	300
9	CAHACV38109x000	270
10	CAHACV38110x000	250
11	CAHACV38111x000	225
12	CAHACV38112x000	175
13	CAHACV38113x000	175
14	CAHACV38114x000	150
15	CAHACV38115x000	150
16	CAHACV38116x000	150
17	CAHACV38117x000	145
18	CAHACV38118x000	145
19	CAHACV38119x000	135
20	CAHACV38120x000	135
21	CAHACV38121x000	135
22	CAHACV38122x000	125
23	CAHACV38123x000	125
24	CAHACV38124x000	110

Ordering code

CAHA CV 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT381 Series



CAMBFR381 Series



CAMBFW381 Series

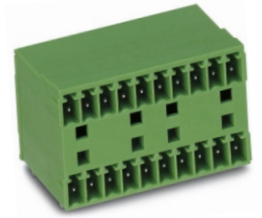


CAPAFT381 Series



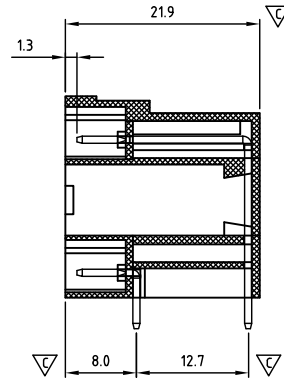
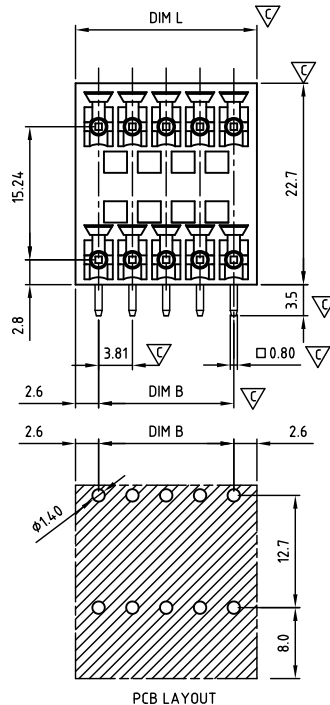
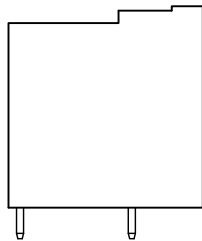
CAPBFD381 Series





CAHAEH381-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.81+5.0

Dim.B=(1/2P-1)x3.81

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	300	-	-	-
Nominal current (A)	8	-	-	-
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHAEH38104x000	180
2*3	CAHAEH38106x000	125
2*4	CAHAEH38108x000	95
2*5	CAHAEH38110x000	70
2*6	CAHAEH38112x000	60
2*7	CAHAEH38114x000	55
2*8	CAHAEH38116x000	48
2*9	CAHAEH38118x000	48
2*10	CAHAEH38120x000	40
2*11	CAHAEH38122x000	32
2*12	CAHAEH38124x000	32
2*13	CAHAEH38126x000	32
2*14	CAHAEH38128x000	24
2*15	CAHAEH38130x000	24
2*16	CAHAEH38132x000	24
2*17	CAHAEH38134x000	24
2*18	CAHAEH38136x000	24
2*19	CAHAEH38138x000	16
2*20	CAHAEH38140x000	16
2*21	CAHAEH38142x000	16
2*22	CAHAEH38144x000	16
2*23	CAHAEH38146x000	16
2*24	CAHAEH38148x000	16

Ordering code

CAHA EH 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	7 Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST381 Series



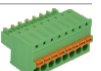
CAMBSR381 Series



CAMBSW381 Series

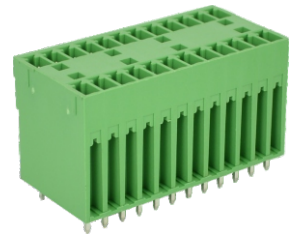


CAPAST381 Series



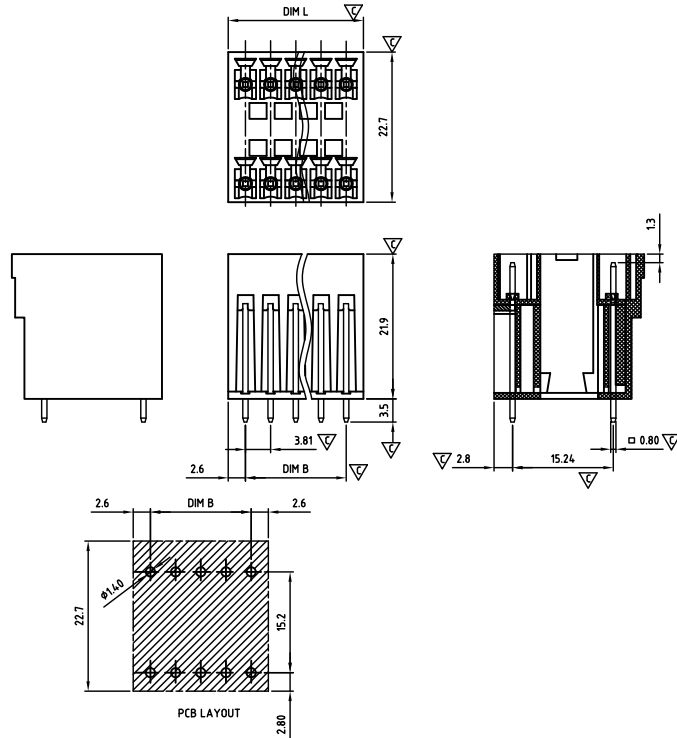
CAPBSD381 Series





CAHAEV381-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.81+5.0

Dim.B=(1/2P-1)x3.81

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	300	-	-	-
Nominal current (A)	8	-	-	-
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHAEV38104x000	220
2*3	CAHAEV38106x000	160
2*4	CAHAEV38108x000	110
2*5	CAHAEV38110x000	95
2*6	CAHAEV38112x000	80
2*7	CAHAEV38114x000	60
2*8	CAHAEV38116x000	60
2*9	CAHAEV38118x000	45
2*10	CAHAEV38120x000	45
2*11	CAHAEV38122x000	45
2*12	CAHAEV38124x000	40
2*13	CAHAEV38126x000	40
2*14	CAHAEV38128x000	30
2*15	CAHAEV38130x000	30
2*16	CAHAEV38132x000	30
2*17	CAHAEV38134x000	30
2*18	CAHAEV38136x000	30
2*19	CAHAEV38138x000	20
2*20	CAHAEV38140x000	20
2*21	CAHAEV38142x000	20
2*22	CAHAEV38144x000	20
2*23	CAHAEV38146x000	20
2*24	CAHAEV38148x000	20

Ordering code

CAHA EV 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST381 Series



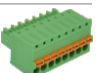
CAMBSR381 Series



CAMBSW381 Series



CAPAST381 Series



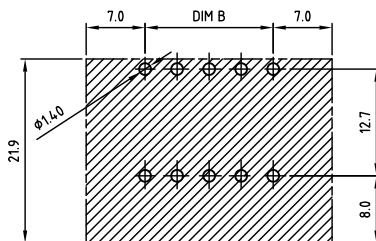
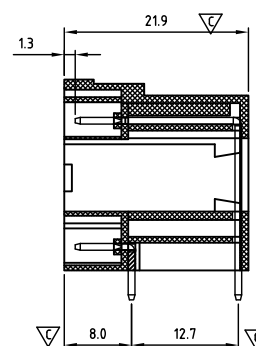
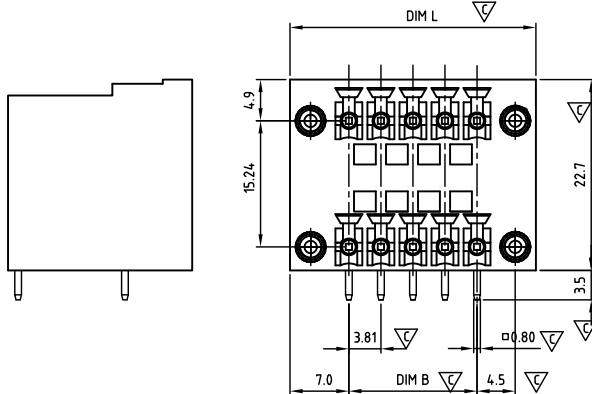
CAPBSD381 Series





CAHAFH381-SERIES

cULus E501953



PCB LAYOUT

Critical dimension: ∇

Dim.L=(1/2P-1)x3.81+14.2

Dim.B=(1/2P-1)x3.81

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
∇	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	300	-	-	-
Nominal current (A)	8	-	-	-
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
22	CAHAFH38104x000	92
23	CAHAFH38106x000	80
24	CAHAFH38108x000	64
25	CAHAFH38110x000	64
26	CAHAFH38112x000	48
27	CAHAFH38114x000	48
28	CAHAFH38116x000	48
29	CAHAFH38118x000	40
210	CAHAFH38120x000	40
211	CAHAFH38122x000	32
212	CAHAFH38124x000	32
213	CAHAFH38126x000	32
214	CAHAFH38128x000	28
215	CAHAFH38130x000	28
216	CAHAFH38132x000	24
217	CAHAFH38134x000	24
218	CAHAFH38136x000	20
219	CAHAFH38138x000	20
220	CAHAFH38140x000	20
221	CAHAFH38142x000	20
222	CAHAFH38144x000	20
223	CAHAFH38146x000	16
224	CAHAFH38148x000	16

Ordering code

CAHA FH 381 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMASF381 Series



CAMBFR381 Series



CAMBFW381 Series



CAPAF381 Series



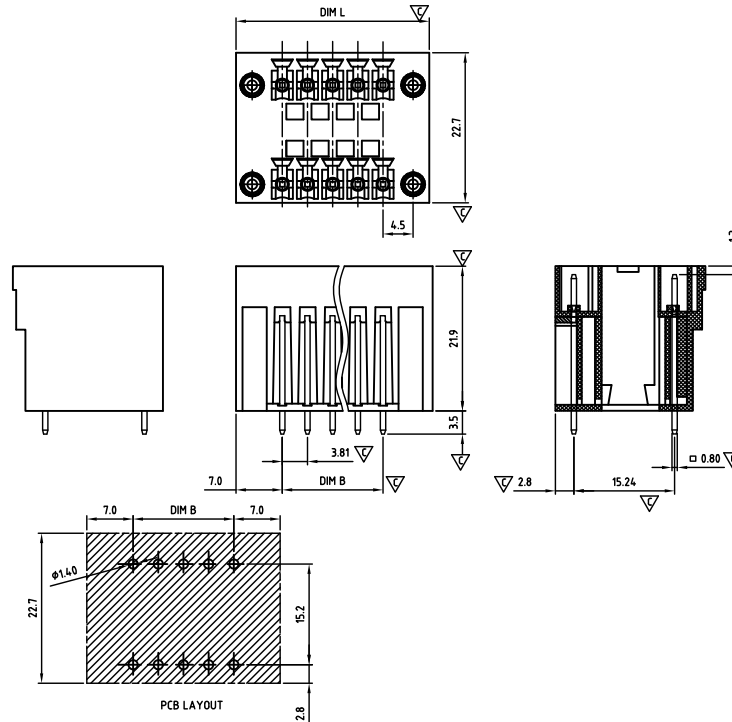
CAPBF381 Series





CAHAFV381-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(1/2P-1)×3.81+14.2

Dim.B=(1/2P-1)×3.81

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)	300	-	-	-
Nominal current (A)	8	-	-	-
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHAFV38104x000	96
2*3	CAHAFV38106x000	80
2*4	CAHAFV38108x000	64
2*5	CAHAFV38110x000	64
2*6	CAHAFV38112x000	48
2*7	CAHAFV38114x000	48
2*8	CAHAFV38116x000	48
2*9	CAHAFV38118x000	40
2*10	CAHAFV38120x000	40
2*11	CAHAFV38122x000	32
2*12	CAHAFV38124x000	32
2*13	CAHAFV38126x000	32
2*14	CAHAFV38128x000	28
2*15	CAHAFV38130x000	28
2*16	CAHAFV38132x000	24
2*17	CAHAFV38134x000	24
2*18	CAHAFV38136x000	20
2*19	CAHAFV38138x000	20
2*20	CAHAFV38140x000	20
2*21	CAHAFV38142x000	20
2*22	CAHAFV38144x000	20
2*23	CAHAFV38146x000	16
2*24	CAHAFV38148x000	16

Ordering code

CAHA FV 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMASF381 Series



CAMBFR381 Series



CAMBFW381 Series



CAPAF381 Series



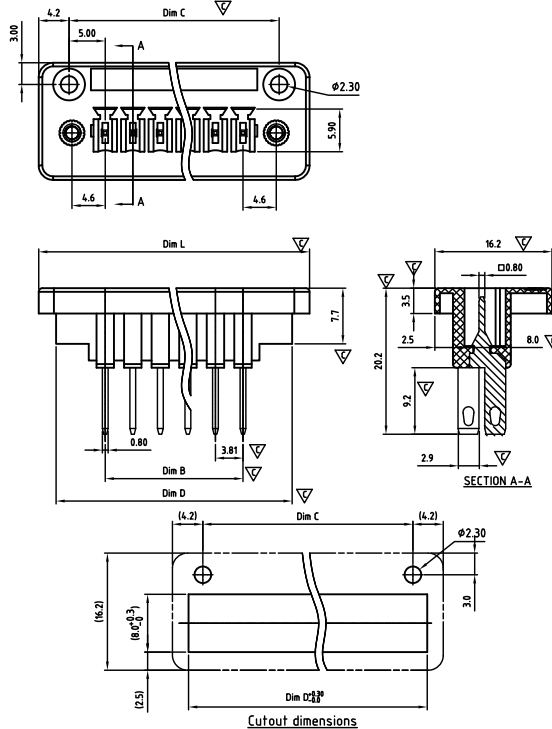
CAPBF381 Series





CAHECV381-SERIES

cULus E501953



Critical dimension: ∇

Dim L=(P-1)x3.81+18.2
Dim B=(P-1)x3.81
P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	300	-	300	
Nominal current (A)	8	-	8	
Connection capacity(AWG)	-	-	-	

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	2.8*0.8
The thick housing walls(mm)	for 0.5 to 4.0

Packing information

Poles	Order Number	SPQ
2	CAHECV38102x000	216
3	CAHECV38103x000	250
4	CAHECV38104x000	200
5	CAHECV38105x000	125
6	CAHECV38106x000	105
7	CAHECV38107x000	95
8	CAHECV38108x000	95
9	CAHECV38109x000	80
10	CAHECV38110x000	75
11	CAHECV38111x000	70
12	CAHECV38112x000	70
13	CAHECV38113x000	60
14	CAHECV38114x000	50
15	CAHECV38115x000	48
16	CAHECV38116x000	48
17	CAHECV38117x000	48
18	CAHECV38118x000	48
19	CAHECV38119x000	48
20	CAHECV38120x000	48
21	CAHECV38121x000	42
22	CAHECV38122x000	42
23	CAHECV38123x000	36
24	CAHECV38124x000	36

Ordering code

CAHE CV 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT381 Series



CAMBFR381 Series



CAMBFW381 Series

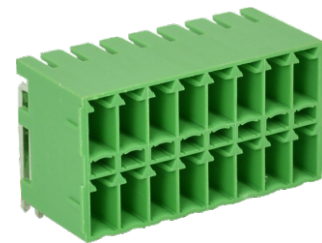


CAPAF381 Series



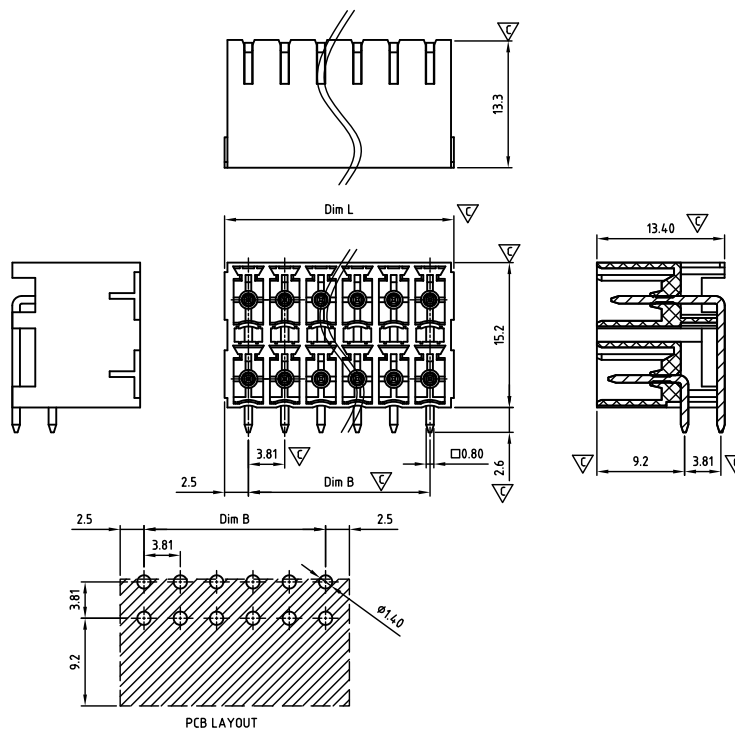
CAPBFD381 Series





CAHFBH381-SERIES

ULus E501953



Critical dimension: ▽

Dim.L=(1/2P-1)×3.81+5.0

Dim.B=(1/2P-1)×3.81

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	150
Nominal current (A)	8	-	-	8
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFBH38104x000	550
2*3	CAHFBH38106x000	400
2*4	CAHFBH38108x000	280
2*5	CAHFBH38110x000	280
2*6	CAHFBH38112x000	220
2*7	CAHFBH38114x000	195
2*8	CAHFBH38116x000	165
2*9	CAHFBH38118x000	140
2*10	CAHFBH38120x000	140
2*11	CAHFBH38122x000	110
2*12	CAHFBH38124x000	110
2*13	CAHFBH38126x000	110
2*14	CAHFBH38128x000	80
2*15	CAHFBH38130x000	80
2*16	CAHFBH38132x000	80
2*17	CAHFBH38134x000	80
2*18	CAHFBH38136x000	55
2*19	CAHFBH38138x000	55
2*20	CAHFBH38140x000	55
2*21	CAHFBH38142x000	55
2*22	CAHFBH38144x000	55
2*23	CAHFBH38146x000	55
2*24	CAHFBH38148x000	55

Ordering code

CAHFBH 381 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

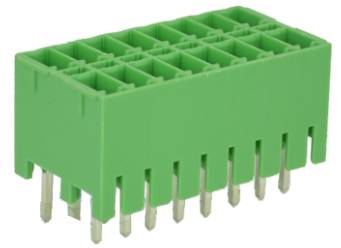
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAPBSD381 Series

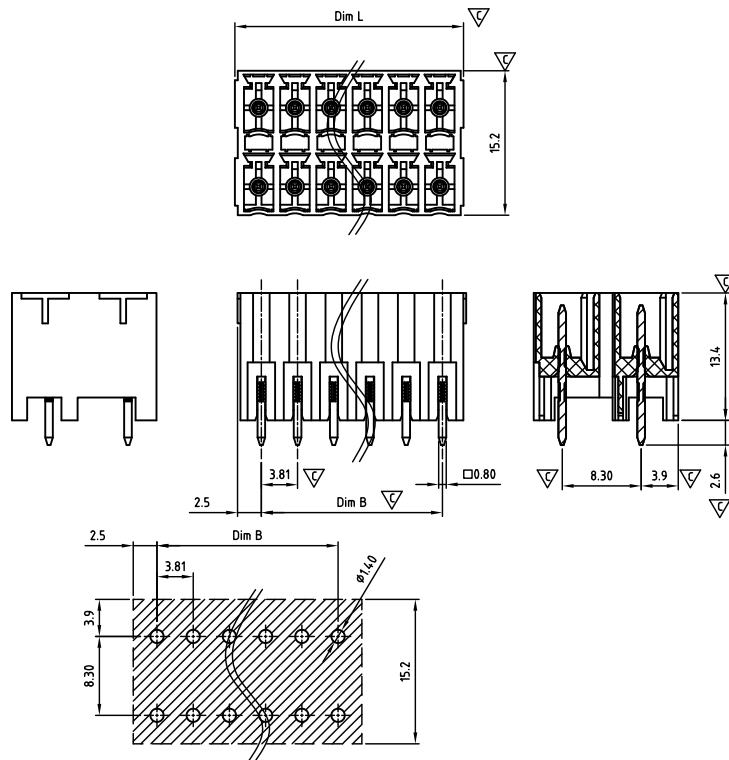




CAHFBV381-SERIES

Pitch 3,81mm

cULus E501953



Critical dimension: ▽

Dim.L=(1/2P-1)×3.81+5.0

Dim.B=(1/2P-1)×3.81

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°
Units:mm	

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	150
Nominal current (A)	8	-	-	8
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFBV38104x000	480
2*3	CAHFBV38106x000	340
2*4	CAHFBV38108x000	240
2*5	CAHFBV38110x000	240
2*6	CAHFBV38112x000	190
2*7	CAHFBV38114x000	165
2*8	CAHFBV38116x000	140
2*9	CAHFBV38118x000	120
2*10	CAHFBV38120x000	120
2*11	CAHFBV38122x000	95
2*12	CAHFBV38124x000	95
2*13	CAHFBV38126x000	95
2*14	CAHFBV38128x000	70
2*15	CAHFBV38130x000	70
2*16	CAHFBV38132x000	70
2*17	CAHFBV38134x000	70
2*18	CAHFBV38136x000	48
2*19	CAHFBV38138x000	48
2*20	CAHFBV38140x000	48
2*21	CAHFBV38142x000	48
2*22	CAHFBV38144x000	48
2*23	CAHFBV38146x000	48
2*24	CAHFBV38148x000	48

Ordering code

CAHF BV 381 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAPBSD381 Series

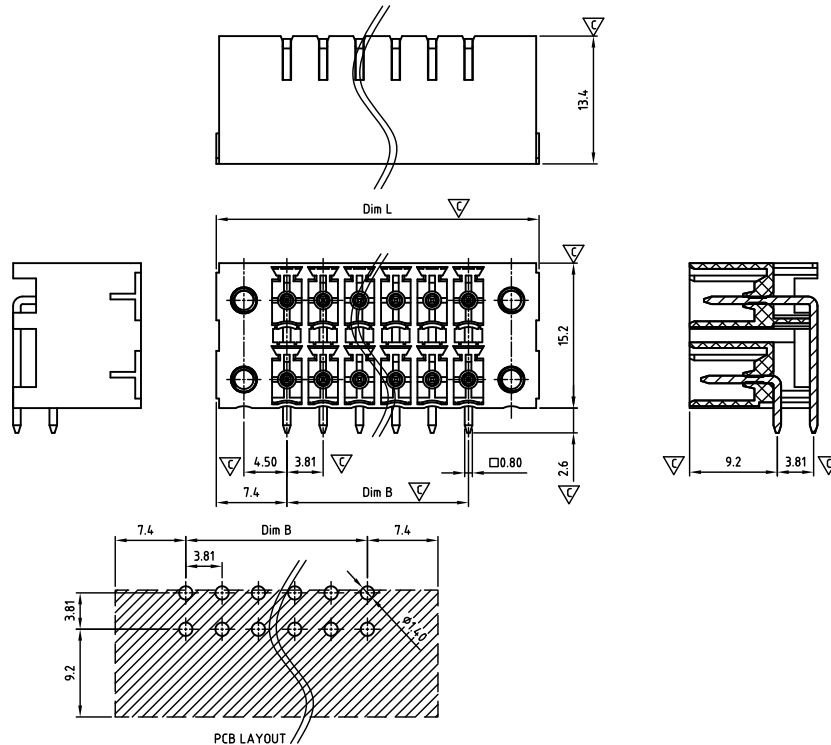




CAHFCH381-SERIES

Pitch 3,81mm

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.81+14.4		
Dim.B=(1/2P-1)x3.81		
P=Number of poles (04-48)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	150	
Nominal current (A)	8	-	8	
Connection capacity(AWG)	-	-	-	

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160		
Rated current/conductor cross-section (A/mm ²)		8 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	160	160	250	
Rated surge voltage(kV)	2.5	2.5	2.5	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFCH38104x000	250
2*3	CAHFCH38106x000	200
2*4	CAHFCH38108x000	160
2*5	CAHFCH38110x000	160
2*6	CAHFCH38112x000	160
2*7	CAHFCH38114x000	140
2*8	CAHFCH38116x000	110
2*9	CAHFCH38118x000	110
2*10	CAHFCH38120x000	110
2*11	CAHFCH38122x000	84
2*12	CAHFCH38124x000	84
2*13	CAHFCH38126x000	84
2*14	CAHFCH38128x000	84
2*15	CAHFCH38130x000	55
2*16	CAHFCH38132x000	55
2*17	CAHFCH38134x000	55
2*18	CAHFCH38136x000	55
2*19	CAHFCH38138x000	55
2*20	CAHFCH38140x000	55
2*21	CAHFCH38142x000	55
2*22	CAHFCH38144x000	55
2*23	CAHFCH38146x000	55
2*24	CAHFCH38148x000	28

Ordering code

CAHF CH 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAPBFD381 Series

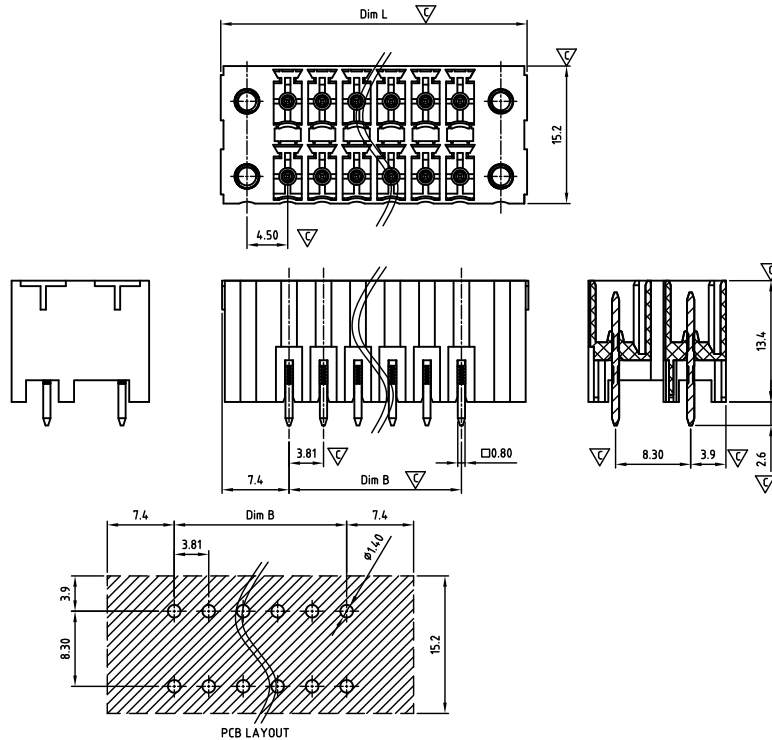




CAHFCV381-SERIES

Pitch 3,81mm

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.81+14.4

Dim.B=(1/2P-1)x3.81

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	150
Nominal current (A)	8	-	-	8
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFCV38104x000	200
2*3	CAHFCV38106x000	160
2*4	CAHFCV38108x000	130
2*5	CAHFCV38110x000	140
2*6	CAHFCV38112x000	140
2*7	CAHFCV38114x000	120
2*8	CAHFCV38116x000	95
2*9	CAHFCV38118x000	95
2*10	CAHFCV38120x000	95
2*11	CAHFCV38122x000	70
2*12	CAHFCV38124x000	70
2*13	CAHFCV38126x000	70
2*14	CAHFCV38128x000	70
2*15	CAHFCV38130x000	48
2*16	CAHFCV38132x000	48
2*17	CAHFCV38134x000	48
2*18	CAHFCV38136x000	48
2*19	CAHFCV38138x000	48
2*20	CAHFCV38140x000	48
2*21	CAHFCV38142x000	48
2*22	CAHFCV38144x000	48
2*23	CAHFCV38146x000	48
2*24	CAHFCV38148x000	24

Ordering code

CAHF CV 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

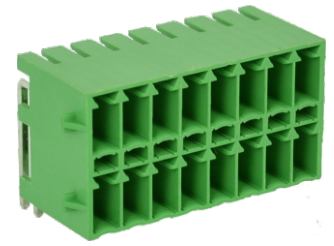
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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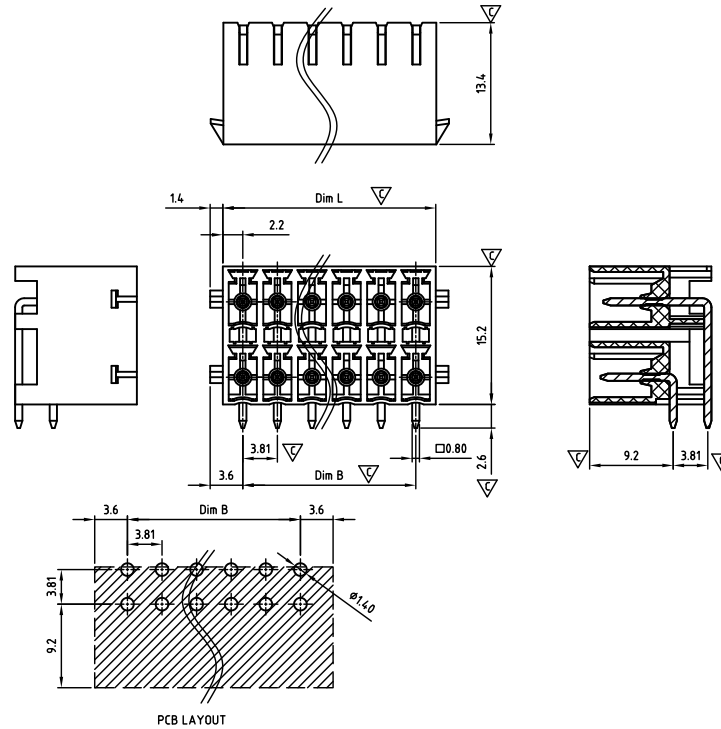
CAPBFD381 Series





CAHFDH381-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.81+5.0

Dim.B=(1/2P-1)x3.81

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	150	
Nominal current (A)	8	-	8	
Connection capacity(AWG)	-	-	-	

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	160
Rated current/conductor cross-section (A/mm ²)	8 / -
Solid/stranded(mm ²)	-
Surge voltage category/pollution degree	III / 3 III / 2 II / 2
Rated insulation voltage(V)	160 160 250
Rated surge voltage(kV)	2.5 2.5 2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFDH38104x000	550
2*3	CAHFDH38106x000	400
2*4	CAHFDH38108x000	280
2*5	CAHFDH38110x000	280
2*6	CAHFDH38112x000	220
2*7	CAHFDH38114x000	195
2*8	CAHFDH38116x000	165
2*9	CAHFDH38118x000	140
2*10	CAHFDH38120x000	140
2*11	CAHFDH38122x000	110
2*12	CAHFDH38124x000	110
2*13	CAHFDH38126x000	110
2*14	CAHFDH38128x000	80
2*15	CAHFDH38130x000	80
2*16	CAHFDH38132x000	80
2*17	CAHFDH38134x000	80
2*18	CAHFDH38136x000	55
2*19	CAHFDH38138x000	55
2*20	CAHFDH38140x000	55
2*21	CAHFDH38142x000	55
2*22	CAHFDH38144x000	55
2*23	CAHFDH38146x000	55
2*24	CAHFDH38148x000	55

Ordering code

CAHF DH 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

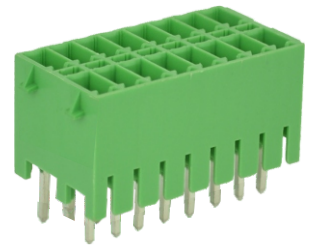
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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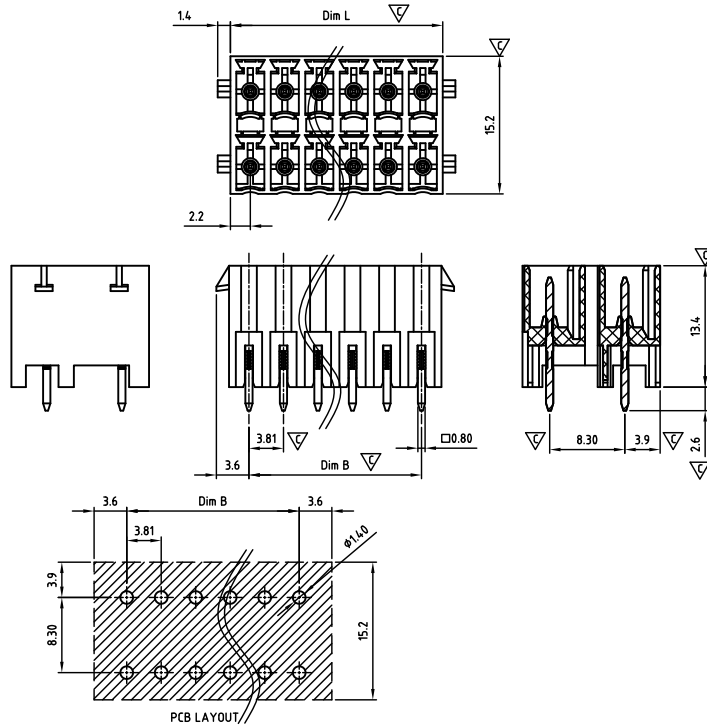
CAPBLD381 Series





CAHFDV381-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P-1)x3.81+5.0

Dim.B=(1/2P-1)x3.81

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	150	-	-	150
Nominal current (A)	8	-	-	8
Connection capacity(AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		160	
Rated current/conductor cross-section (A/mm ²)		8 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8

Packing information

Poles	Order Number	SPQ
2*2	CAHFDV38104x000	480
2*3	CAHFDV38106x000	340
2*4	CAHFDV38108x000	240
2*5	CAHFDV38110x000	240
2*6	CAHFDV38112x000	190
2*7	CAHFDV38114x000	165
2*8	CAHFDV38116x000	140
2*9	CAHFDV38118x000	120
2*10	CAHFDV38120x000	120
2*11	CAHFDV38122x000	95
2*12	CAHFDV38124x000	95
2*13	CAHFDV38126x000	95
2*14	CAHFDV38128x000	70
2*15	CAHFDV38130x000	70
2*16	CAHFDV38132x000	70
2*17	CAHFDV38134x000	70
2*18	CAHFDV38136x000	48
2*19	CAHFDV38138x000	48
2*20	CAHFDV38140x000	48
2*21	CAHFDV38142x000	48
2*22	CAHFDV38144x000	48
2*23	CAHFDV38146x000	48
2*24	CAHFDV38148x000	48

Ordering code

CAHF DV 381 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

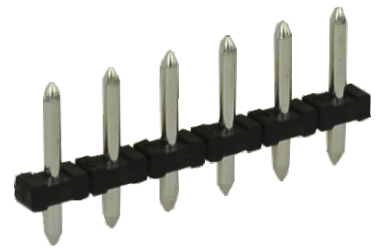
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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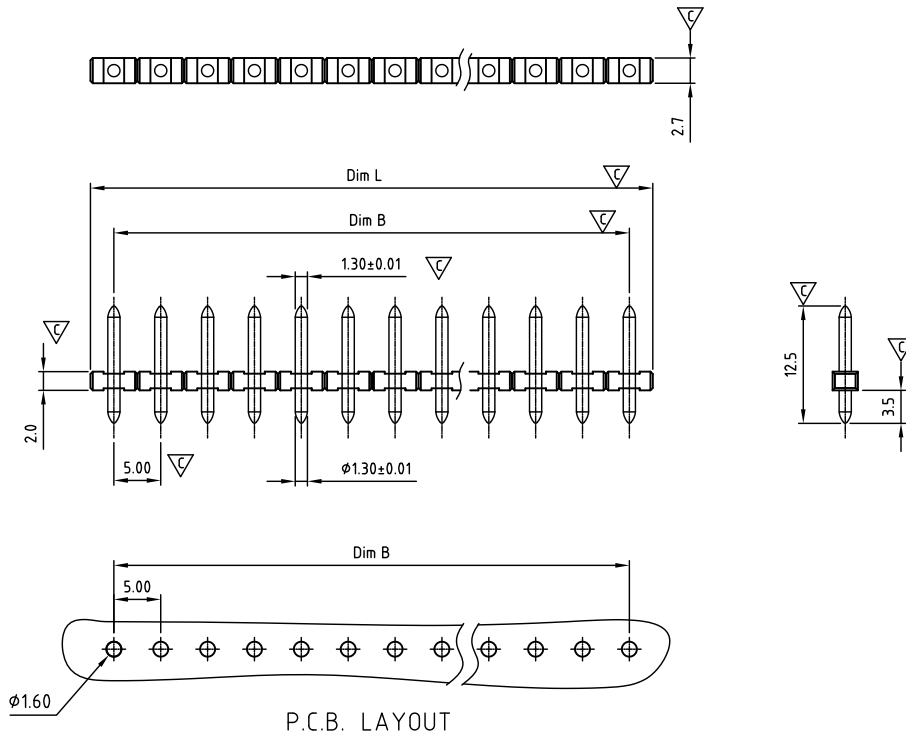
CAPBLD381 Series





CAGAVA500-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=Px5.0		
Dim.B=(P-1)x5.0		
P=Number of poles (02-24)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
	Units:mm

Pitch 5,00mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		14	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 /1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Brass, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/φ 1.3

Packing information

Poles	Order Number	SPQ
2	CAGAVA50002x000	5000
3	CAGAVA50003x000	2500
4	CAGAVA50004x000	2000
5	CAGAVA50005x000	1500
6	CAGAVA50006x000	1000
7	CAGAVA50007x000	800
8	CAGAVA50008x000	800
9	CAGAVA50009x000	600
10	CAGAVA50010x000	500
11	CAGAVA50011x000	500
12	CAGAVA50012x000	500
13	CAGAVA50013x000	400
14	CAGAVA50014x000	400
15	CAGAVA50015x000	400
16	CAGAVA50016x000	400
17	CAGAVA50017x000	350
18	CAGAVA50018x000	350
19	CAGAVA50019x000	350
20	CAGAVA50020x000	350
21	CAGAVA50021x000	350
22	CAGAVA50022x000	350
23	CAGAVA50023x000	350
24	CAGAVA50024x000	350

Ordering code

CAGA VA 500 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CANAM0500 Series



CANAS0500 Series



CANBM0500 Series

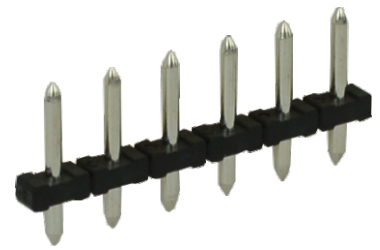


CANBS0500 Series



CANDS0500 Series

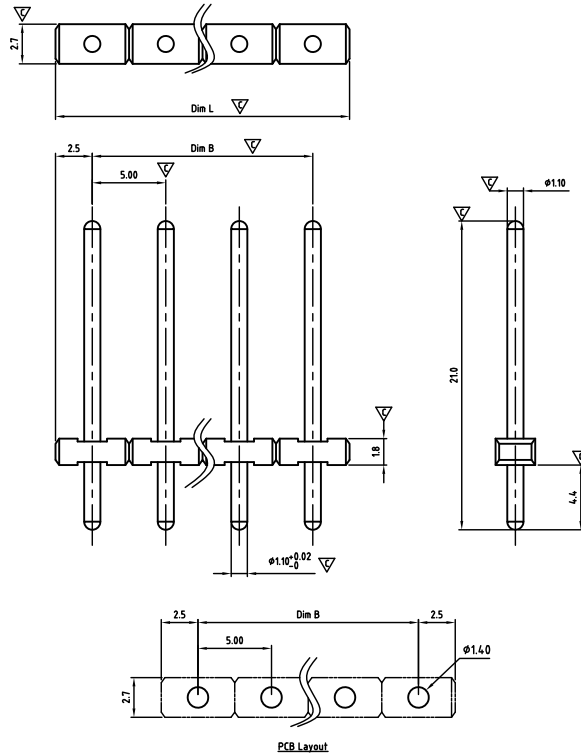




CAGBVA500-SERIES

Pitch 5,00mm

cULus E501953



Critical dimension: ∇

Dim.L=Px5.0

Dim.B=(P-1)x5.0

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		10	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 /1min
Insulation Resistance		1000M Ω or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250 \pm 5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Brass, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.4/ \varnothing 1.1

Packing information

Poles	Order Number	SPQ
2	CAGBVA50002x000	5000
3	CAGBVA50003x000	2500
4	CAGBVA50004x000	2000
5	CAGBVA50005x000	1500
6	CAGBVA50006x000	1000
7	CAGBVA50007x000	800
8	CAGBVA50008x000	800
9	CAGBVA50009x000	600
10	CAGBVA50010x000	500
11	CAGBVA50011x000	500
12	CAGBVA50012x000	500
13	CAGBVA50013x000	400
14	CAGBVA50014x000	400
15	CAGBVA50015x000	400
16	CAGBVA50016x000	400
17	CAGBVA50017x000	350
18	CAGBVA50018x000	350
19	CAGBVA50019x000	350
20	CAGBVA50020x000	350
21	CAGBVA50021x000	350
22	CAGBVA50022x000	350
23	CAGBVA50023x000	350
24	CAGBVA50024x000	350

Ordering code

CAGB VA 500 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black

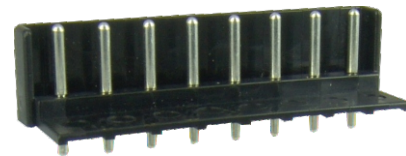
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

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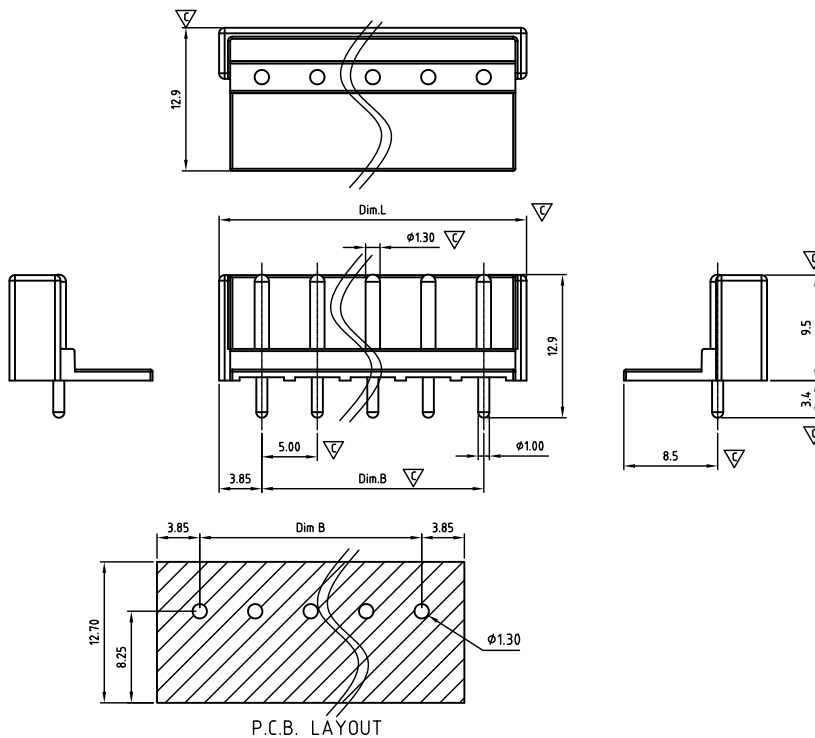
CANFST500 Series





CAGEVA500-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)x5.0+7.7

Dim.B=(P-1)x5.0

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 /1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Brass, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.3/φ 1.0

Packing information

Poles	Order Number	SPQ
2	CAGEVA50002x000	420
3	CAGEVA50003x000	400
4	CAGEVA50004x000	400
5	CAGEVA50005x000	250
6	CAGEVA50006x000	250
7	CAGEVA50007x000	200
8	CAGEVA50008x000	200
9	CAGEVA50009x000	160
10	CAGEVA50010x000	160
11	CAGEVA50011x000	95
12	CAGEVA50012x000	80
13	CAGEVA50013x000	55
14	CAGEVA50014x000	55
15	CAGEVA50015x000	55
16	CAGEVA50016x000	55
17	CAGEVA50017x000	55
18	CAGEVA50018x000	55
19	CAGEVA50019x000	55
20	CAGEVA50020x000	45
21	CAGEVA50021x000	45
22	CAGEVA50022x000	45
23	CAGEVA50023x000	45
24	CAGEVA50024x000	45

Ordering code

CAGE VA 500 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

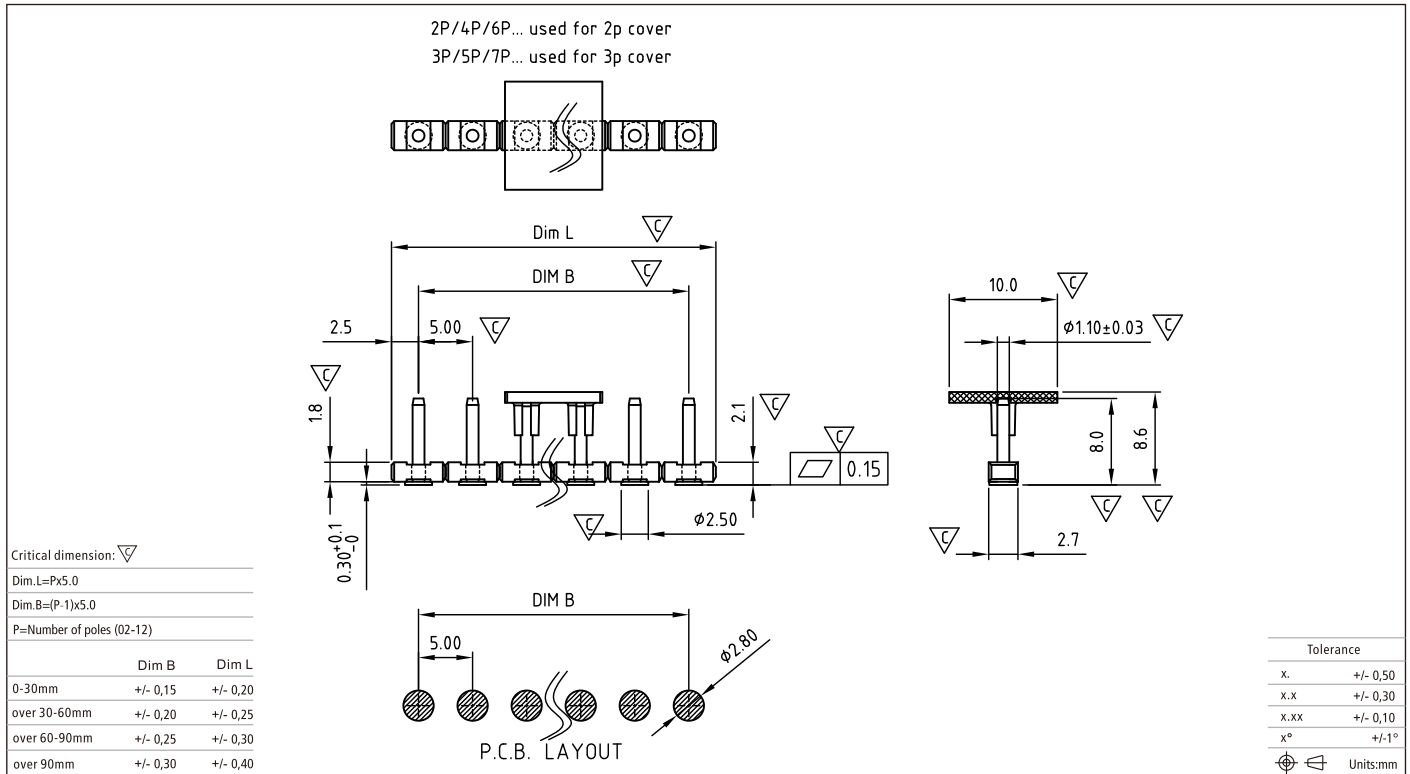
CANDS0500 Series





CAWA03500-SERIES

Pitch 5,00mm



Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	-
Nominal current (A)		10	-	-
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 /1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	260±5°C/10s

Materials

Insulation material group	PA 6T UL94 -V0
PIN	Brass, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.4/φ 1.1

Packing information

Poles	Order Number	SPQ
2	CAWA0350002x000	250
3	CAWA0350003x000	250
4	CAWA0350004x000	250
5	CAWA0350005x000	250
6	CAWA0350006x000	250
7	CAWA0350007x000	250
8	CAWA0350008x000	250
9	CAWA0350009x000	250
10	CAWA0350010x000	250
11	CAWA0350011x000	250
12	CAWA0350012x000	250

Ordering code

CAWA 03 500 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-12)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CANFST500 Series

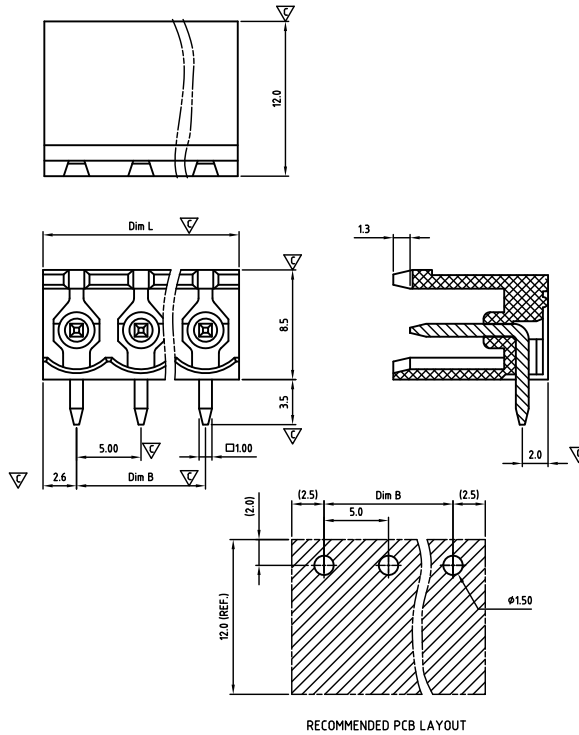




CAHAAH500-SERIES

Pitch 5,00mm

cULus E501953



Critical dimension: ∇

Dim.L=Px5.0

Dim.B=(P-1)x5.0

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320	
Rated current/conductor cross-section (A/mm ²)		12 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000M Ω or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/1 *1

Packing information

Poles	Order Number	SPQ
2	CAHAAH50002x000	600
3	CAHAAH50003x000	400
4	CAHAAH50004x000	300
5	CAHAAH50005x000	260
6	CAHAAH50006x000	240
7	CAHAAH50007x000	240
8	CAHAAH50008x000	240
9	CAHAAH50009x000	240
10	CAHAAH50010x000	200
11	CAHAAH50011x000	180
12	CAHAAH50012x000	180
13	CAHAAH50013x000	120
14	CAHAAH50014x000	120
15	CAHAAH50015x000	120
16	CAHAAH50016x000	120
17	CAHAAH50017x000	120
18	CAHAAH50018x000	80
19	CAHAAH50019x000	75
20	CAHAAH50020x000	75
21	CAHAAH50021x000	65
22	CAHAAH50022x000	65
23	CAHAAH50023x000	65
24	CAHAAH50024x000	65

Ordering code

CAHAAH 500 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST500 Series



CAMASD500 Series

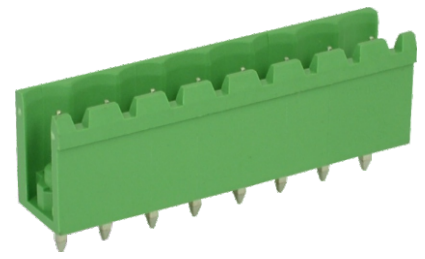


CAMBSR500 Series



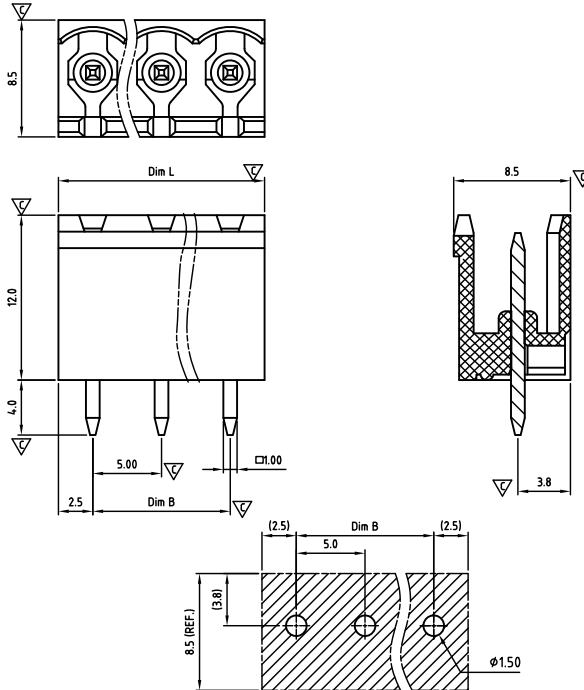
CAMBSW500 Series





CAHA AV 500-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=Px5.0

Dim.B=(P-1)x5.0

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x ^o	+/-1 ^o

Units:mm

RECOMMENDED PCB LAYOUT

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000M Ω or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250 \pm 5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/1 *1

Packing information

Poles	Order Number	SPQ
2	CAHA AV 50002x000	600
3	CAHA AV 50003x000	400
4	CAHA AV 50004x000	300
5	CAHA AV 50005x000	250
6	CAHA AV 50006x000	240
7	CAHA AV 50007x000	250
8	CAHA AV 50008x000	170
9	CAHA AV 50009x000	200
10	CAHA AV 50010x000	180
11	CAHA AV 50011x000	180
12	CAHA AV 50012x000	180
13	CAHA AV 50013x000	135
14	CAHA AV 50014x000	110
15	CAHA AV 50015x000	110
16	CAHA AV 50016x000	80
17	CAHA AV 50017x000	80
18	CAHA AV 50018x000	80
19	CAHA AV 50019x000	80
20	CAHA AV 50020x000	80
21	CAHA AV 50021x000	80
22	CAHA AV 50022x000	80
23	CAHA AV 50023x000	80
24	CAHA AV 50024x000	80

Ordering code

CAHA AV 500 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST500 Series



CAMASD500 Series



CAMBSR500 Series



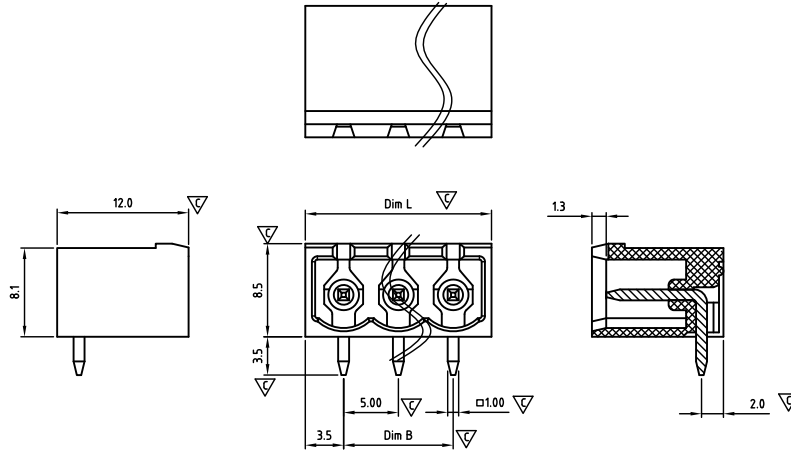
CAMBSW500 Series





CAHABH500-SERIES

cULus E501953



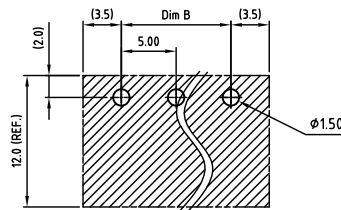
Critical dimension: ▽

Dim.L=(P-1)×5.0+2.0

Dim.B=(P-1)×5.0

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40



PCB LAYOUT

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/1 *1

Packing information

Poles	Order Number	SPQ
2	CAHABH50002x000	600
3	CAHABH50003x000	400
4	CAHABH50004x000	300
5	CAHABH50005x000	260
6	CAHABH50006x000	240
7	CAHABH50007x000	240
8	CAHABH50008x000	240
9	CAHABH50009x000	240
10	CAHABH50010x000	200
11	CAHABH50011x000	180
12	CAHABH50012x000	180
13	CAHABH50013x000	120
14	CAHABH50014x000	120
15	CAHABH50015x000	120
16	CAHABH50016x000	120
17	CAHABH50017x000	120
18	CAHABH50018x000	80
19	CAHABH50019x000	75
20	CAHABH50020x000	75
21	CAHABH50021x000	65
22	CAHABH50022x000	65
23	CAHABH50023x000	65
24	CAHABH50024x000	65

Ordering code

CAHA BH 500 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST500 Series



CAMASD500 Series



CAMBSR500 Series



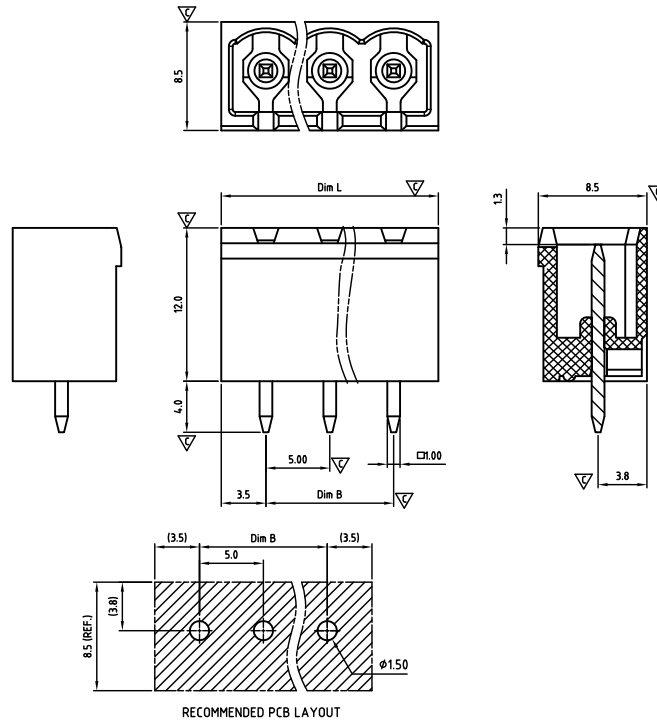
CAMBSW500 Series





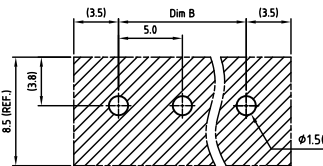
CAHABV500-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)x5.0+2.0		
Dim.B=(P-1)x5.0		
P=Number of poles (02-24)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40



RECOMMENDED PCB LAYOUT

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°
	Units:mm

Pitch 5,00mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHABV50002x000	600
3	CAHABV50003x000	400
4	CAHABV50004x000	300
5	CAHABV50005x000	250
6	CAHABV50006x000	240
7	CAHABV50007x000	250
8	CAHABV50008x000	170
9	CAHABV50009x000	200
10	CAHABV50010x000	180
11	CAHABV50011x000	180
12	CAHABV50012x000	180
13	CAHABV50013x000	135
14	CAHABV50014x000	110
15	CAHABV50015x000	110
16	CAHABV50016x000	80
17	CAHABV50017x000	80
18	CAHABV50018x000	80
19	CAHABV50019x000	80
20	CAHABV50020x000	80
21	CAHABV50021x000	80
22	CAHABV50022x000	80
23	CAHABV50023x000	80
24	CAHABV50024x000	80

Ordering code

CAHA BV 500 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	7 Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST500 Series



CAMASD500 Series



CAMBSR500 Series



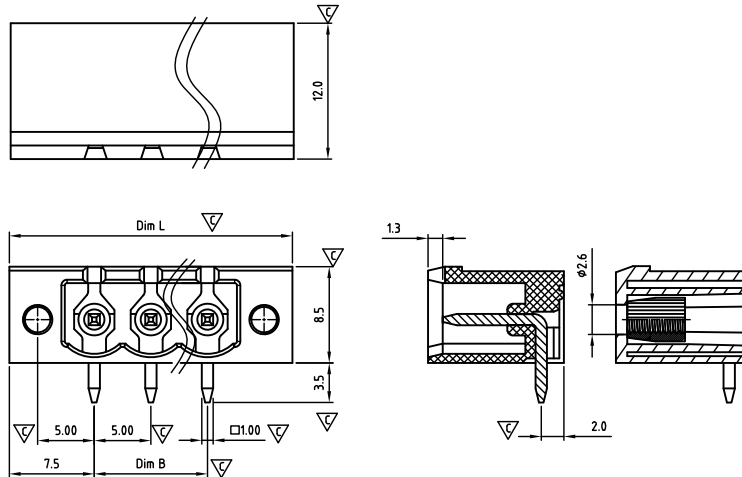
CAMBSW500 Series





CAHACH500-SERIES

cULus E501953



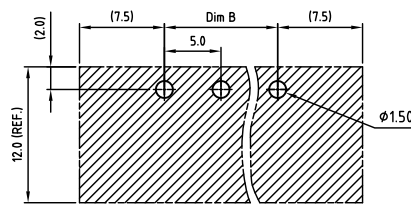
Critical dimension: ▽

Dim.L=(P+2)x5.0

Dim.B=(P-1)x5.0

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40



RECOMMENDED PCB LAYOUT

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity (AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320	
Rated current/conductor cross-section (A/mm ²)		12 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHACH50002x000	350
3	CAHACH50003x000	280
4	CAHACH50004x000	250
5	CAHACH50005x000	250
6	CAHACH50006x000	150
7	CAHACH50007x000	150
8	CAHACH50008x000	150
9	CAHACH50009x000	140
10	CAHACH50010x000	140
11	CAHACH50011x000	125
12	CAHACH50012x000	105
13	CAHACH50013x000	100
14	CAHACH50014x000	100
15	CAHACH50015x000	95
16	CAHACH50016x000	90
17	CAHACH50017x000	90
18	CAHACH50018x000	80
19	CAHACH50019x000	75
20	CAHACH50020x000	70
21	CAHACH50021x000	70
22	CAHACH50022x000	70
23	CAHACH50023x000	40
24	CAHACH50024x000	40

Ordering code

CAHA CH 500 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT500 Series



CAMAFD500 Series



CAMBFR500 Series



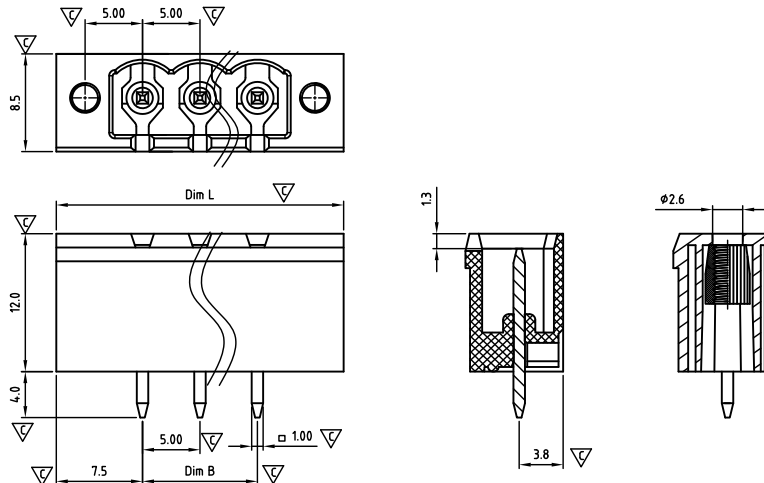
CAMBFW500 Series





CAHACV500-SERIES

cULus E501953



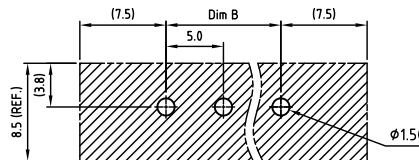
Critical dimension: ▽

Dim.L=(P+2)x5.0

Dim.B=(P-1)x5.0

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40



RECOMMENDED PCB LAYOUT

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity (AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHACV50002x000	400
3	CAHACV50003x000	300
4	CAHACV50004x000	250
5	CAHACV50005x000	250
6	CAHACV50006x000	240
7	CAHACV50007x000	200
8	CAHACV50008x000	175
9	CAHACV50009x000	160
10	CAHACV50010x000	160
11	CAHACV50011x000	150
12	CAHACV50012x000	120
13	CAHACV50013x000	115
14	CAHACV50014x000	110
15	CAHACV50015x000	100
16	CAHACV50016x000	100
17	CAHACV50017x000	90
18	CAHACV50018x000	85
19	CAHACV50019x000	85
20	CAHACV50020x000	80
21	CAHACV50021x000	80
22	CAHACV50022x000	80
23	CAHACV50023x000	50
24	CAHACV50024x000	50

Ordering code

CAHA CV 500 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT500 Series



CAMAFD500 Series

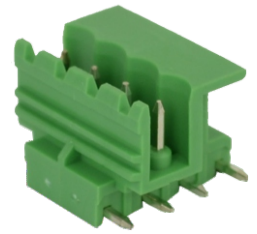


CAMBFR500 Series



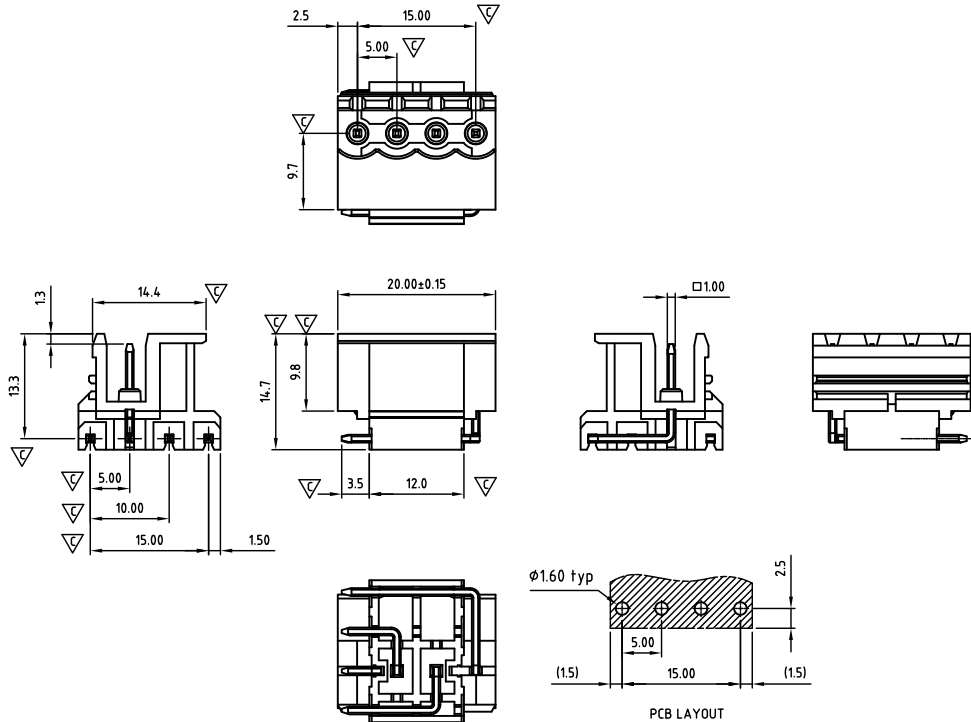
CAMBFW500 Series





CAHDAL500-SERIES

cAUs E501953



Critical dimension: ▽

Dim.L=Px5.0

Dim.B=(P-1)x5.0

P=Number of poles (02-04)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm ²)	12 / -		
Solid/stranded(mm ²)	-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHDAL50002x000	560
3	CAHDAL50003x000	250
4	CAHDAL50004x000	200

Ordering code

CAHDAL 500 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-04)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

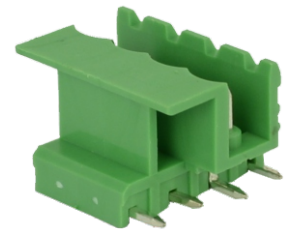
Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAST500 Series

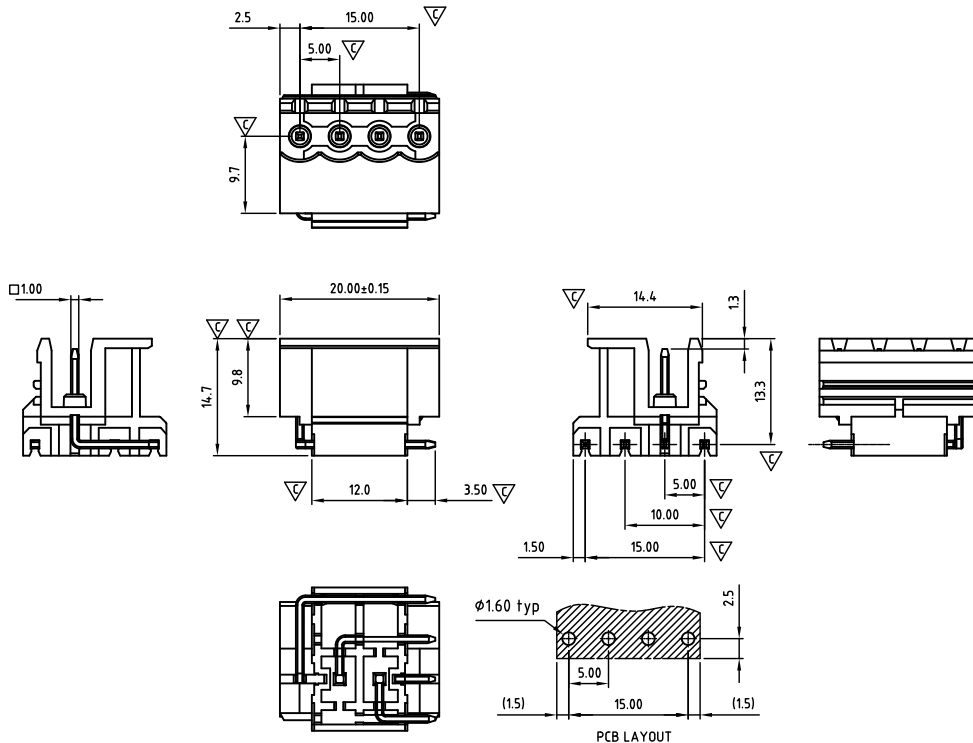


Pitch 5,00mm



CAHDAR500-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=Px5.0

Dim.B=(P-1)x5.0

P=Number of poles (02-04)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
Units:mm	

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/1 *1

Packing information

Poles	Order Number	SPQ
2	CAHDAR50002x000	560
3	CAHDAR50003x000	250
4	CAHDAR50004x000	200

Ordering code

CAHDAR 500 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-04)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

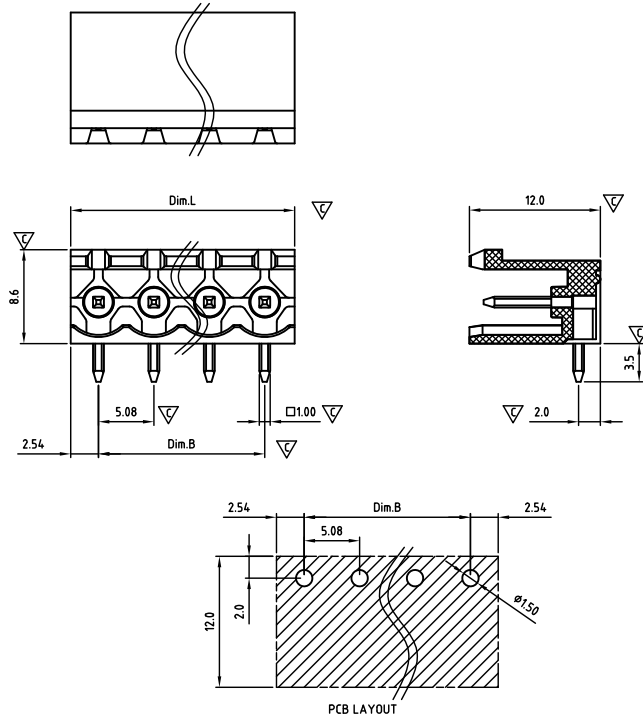
CAMAST500 Series





CAHAAH508-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=Px5.08

Dim.B=(P-1)x5.08

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°
	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320	
Rated current/conductor cross-section (A/mm ²)		12 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/1 *1

Packing information

Poles	Order Number	SPQ
2	CAHAAH50802x000	600
3	CAHAAH50803x000	400
4	CAHAAH50804x000	300
5	CAHAAH50805x000	260
6	CAHAAH50806x000	240
7	CAHAAH50807x000	240
8	CAHAAH50808x000	240
9	CAHAAH50809x000	240
10	CAHAAH50810x000	200
11	CAHAAH50811x000	180
12	CAHAAH50812x000	180
13	CAHAAH50813x000	120
14	CAHAAH50814x000	120
15	CAHAAH50815x000	120
16	CAHAAH50816x000	120
17	CAHAAH50817x000	120
18	CAHAAH50818x000	80
19	CAHAAH50819x000	75
20	CAHAAH50820x000	75
21	CAHAAH50821x000	65
22	CAHAAH50822x000	65
23	CAHAAH50823x000	65
24	CAHAAH50824x000	65

Ordering code

CAHAAH 508 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAS T/D 508 Series



CAMBS R/W 508 Series



CAMCSD508 Series



CAMESO508 Series



CAPAS T/D 508 Series



CAPCSD 508 Series



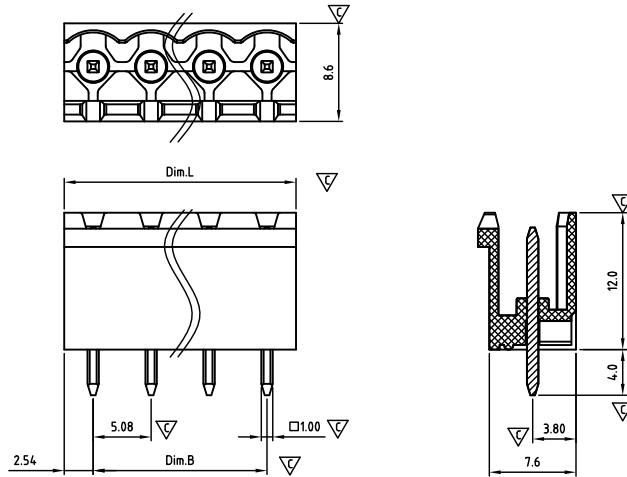
Pitch 5,08mm





CAHA AV 508-SERIES

cULus E501953



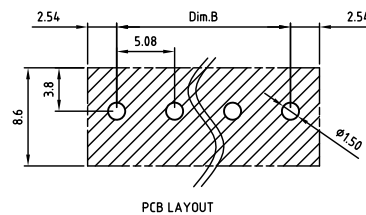
Critical dimension: ▽

Dim.L=Px5.08

Dim.B=(P-1)x5.08

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40



Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage	AC 1600 / 1min	
Insulation Resistance	1000MΩ or more at DC500V	
Using temperature range	-40°C-115°C	
Soldering temperature	250±5°C/5s	

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.6/1 *1

Packing information

Poles	Order Number	SPQ
2	CAHA AV 50802x000	600
3	CAHA AV 50803x000	400
4	CAHA AV 50804x000	300
5	CAHA AV 50805x000	250
6	CAHA AV 50806x000	240
7	CAHA AV 50807x000	250
8	CAHA AV 50808x000	170
9	CAHA AV 50809x000	200
10	CAHA AV 50810x000	180
11	CAHA AV 50811x000	180
12	CAHA AV 50812x000	180
13	CAHA AV 50813x000	135
14	CAHA AV 50814x000	110
15	CAHA AV 50815x000	110
16	CAHA AV 50816x000	80
17	CAHA AV 50817x000	80
18	CAHA AV 50818x000	80
19	CAHA AV 50819x000	80
20	CAHA AV 50820x000	80
21	CAHA AV 50821x000	80
22	CAHA AV 50822x000	80
23	CAHA AV 50823x000	80
24	CAHA AV 50824x000	80

Ordering code

CAHA AV 508 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAS T/D 508 Series



CAMBS R/W 508 Series



CAMCSD508 Series



CAMESO508 Series



CAPAS T/D 508 Series

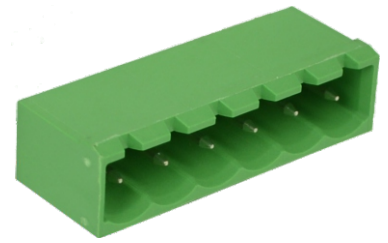


CAPCSD 508 Series



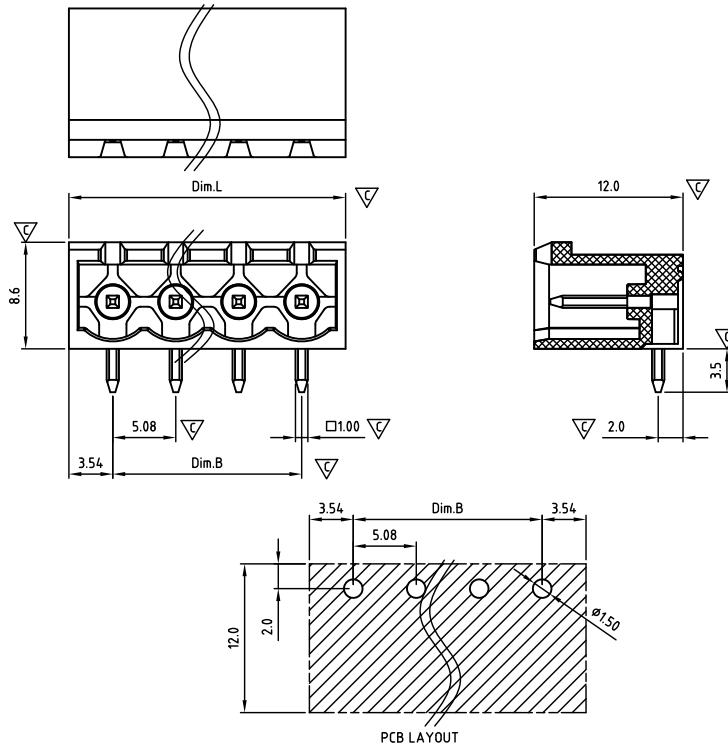
Pitch 5,08mm





CAHABH508-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=Px5.08

Dim.B=(P-1)x5.08

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320	
Rated current/conductor cross-section (A/mm ²)		12 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHABH50802x000	600
3	CAHABH50803x000	400
4	CAHABH50804x000	300
5	CAHABH50805x000	260
6	CAHABH50806x000	240
7	CAHABH50807x000	240
8	CAHABH50808x000	240
9	CAHABH50809x000	240
10	CAHABH50810x000	200
11	CAHABH50811x000	180
12	CAHABH50812x000	180
13	CAHABH50813x000	120
14	CAHABH50814x000	120
15	CAHABH50815x000	120
16	CAHABH50816x000	120
17	CAHABH50817x000	120
18	CAHABH50818x000	80
19	CAHABH50819x000	75
20	CAHABH50820x000	75
21	CAHABH50821x000	65
22	CAHABH50822x000	65
23	CAHABH50823x000	65
24	CAHABH50824x000	65

Ordering code

CAHA BH 508 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAS T/D 508 Series



CAMBS R/W 508 Series



CAMCSD508 Series



CAMESO508 Series



CAPAS T/D 508 Series



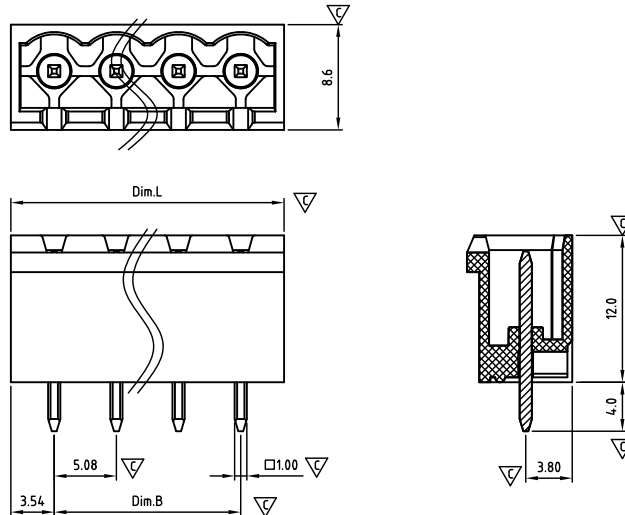
CAPASD508xxx100 Series





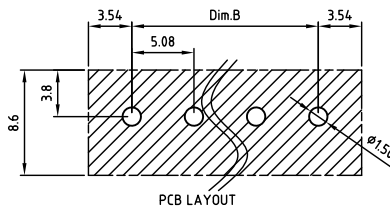
CAHABV508-SERIES


cULus E501953



Critical dimension: ∇

Dim.L=Px5.08		
Dim.B=(P-1)x5.08		
P=Number of poles (02-24)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40



Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
	Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity (AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage	AC 1600 / 1min	
Insulation Resistance	1000M Ω or more at DC500V	
Using temperature range	-40°C-115°C	
Soldering temperature	250 \pm 5°C/5s	

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.6/1 *1

Packing information

Poles	Order Number	SPQ
2	CAHABV50802x000	600
3	CAHABV50803x000	400
4	CAHABV50804x000	300
5	CAHABV50805x000	250
6	CAHABV50806x000	240
7	CAHABV50807x000	250
8	CAHABV50808x000	170
9	CAHABV50809x000	200
10	CAHABV50810x000	180
11	CAHABV50811x000	180
12	CAHABV50812x000	180
13	CAHABV50813x000	135
14	CAHABV50814x000	110
15	CAHABV50815x000	110
16	CAHABV50816x000	80
17	CAHABV50817x000	80
18	CAHABV50818x000	80
19	CAHABV50819x000	80
20	CAHABV50820x000	80
21	CAHABV50821x000	80
22	CAHABV50822x000	80
23	CAHABV50823x000	80
24	CAHABV50824x000	80

Ordering code

CAHA BV 508 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAS T/D 508 Series



CAMBS R/W 508 Series



CAMCSD508 Series



CAMESO508 Series



CAPAS T/D 508 Series



CAPASD508xxx100 Series

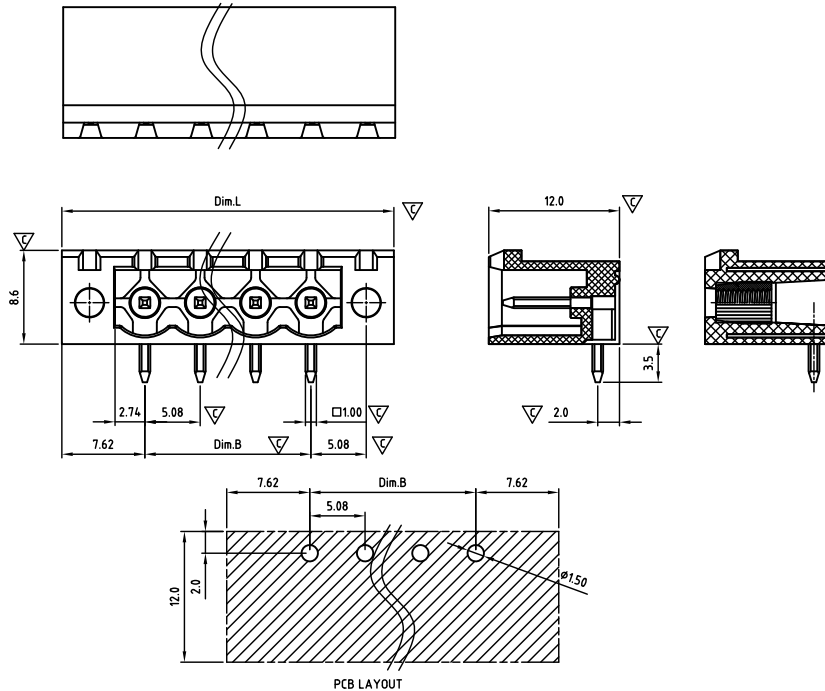




CAHACH508-SERIES

Pitch 5,08mm

cULus E501953



Critical dimension: ▽

Dim.L=(P+2)x5.08		
Dim.B=(P-1)x5.08		
P=Number of poles (02-24)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHACH50802x000	350
3	CAHACH50803x000	280
4	CAHACH50804x000	250
5	CAHACH50805x000	250
6	CAHACH50806x000	150
7	CAHACH50807x000	150
8	CAHACH50808x000	150
9	CAHACH50809x000	140
10	CAHACH50810x000	140
11	CAHACH50811x000	125
12	CAHACH50812x000	105
13	CAHACH50813x000	100
14	CAHACH50814x000	100
15	CAHACH50815x000	95
16	CAHACH50816x000	90
17	CAHACH50817x000	90
18	CAHACH50818x000	80
19	CAHACH50819x000	75
20	CAHACH50820x000	70
21	CAHACH50821x000	70
22	CAHACH50822x000	70
23	CAHACH50823x000	40
24	CAHACH50824x000	40

Ordering code

CAHA CH 508 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT508 Series



CAMAFD508 Series



CAMBFR508 Series



CAMBFW508 Series



CAPAFD508 Series



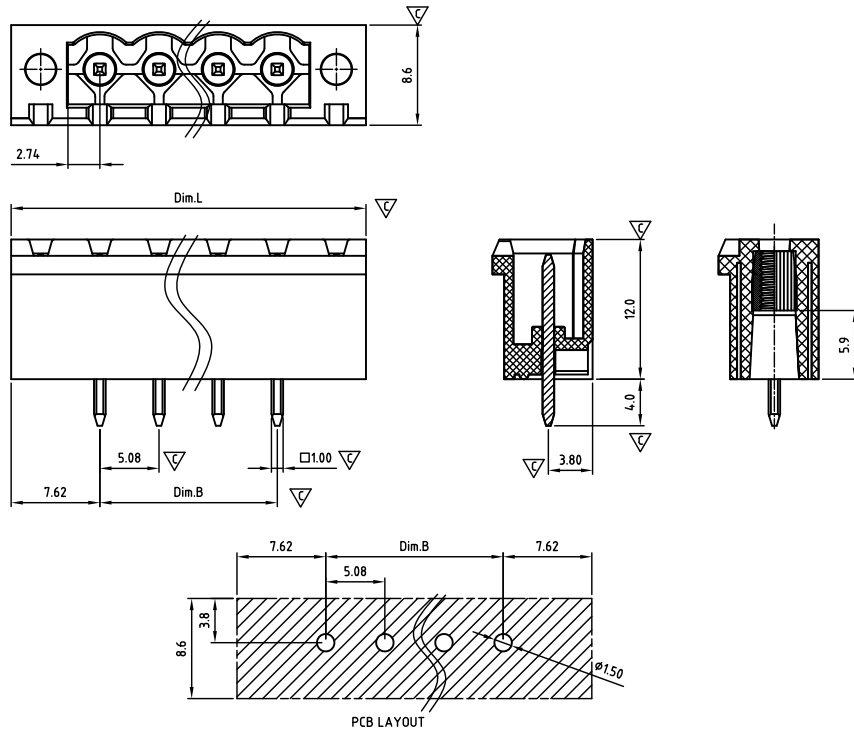
CAPAFD508XXX100 Series





CAHACV508-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(P+2)x5.08

Dim.B=(P-1)x5.08

P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm ²)	12 / -		
Solid/stranded(mm ²)	-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHACV50802x000	400
3	CAHACV50803x000	300
4	CAHACV50804x000	250
5	CAHACV50805x000	250
6	CAHACV50806x000	240
7	CAHACV50807x000	200
8	CAHACV50808x000	175
9	CAHACV50809x000	160
10	CAHACV50810x000	160
11	CAHACV50811x000	150
12	CAHACV50812x000	120
13	CAHACV50813x000	115
14	CAHACV50814x000	110
15	CAHACV50815x000	100
16	CAHACV50816x000	100
17	CAHACV50817x000	90
18	CAHACV50818x000	85
19	CAHACV50819x000	85
20	CAHACV50820x000	80
21	CAHACV50821x000	80
22	CAHACV50822x000	80
23	CAHACV50823x000	50
24	CAHACV50824x000	50

Ordering code

CAHA CV 508 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT508 Series



CAMAFD508 Series



CAMBFR508 Series



CAMBFW508 Series



CAPAFD508 Series



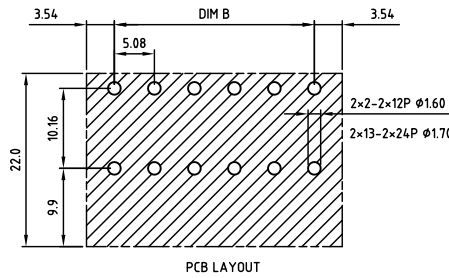
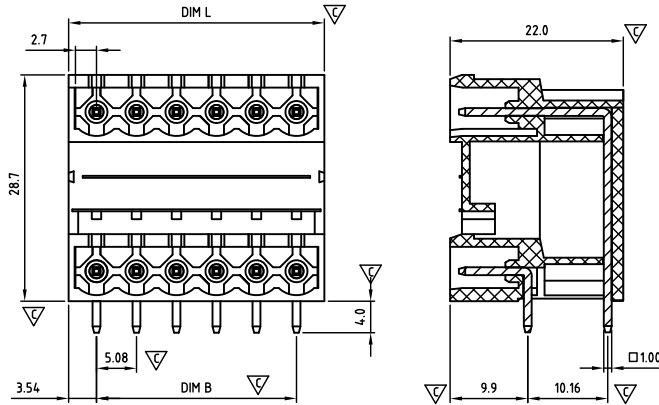
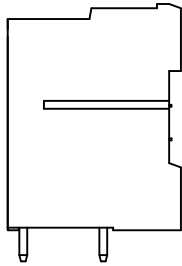
CAPAFD508XXX100 Series





CAHAEH508-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=1/2Px5.08+2.0		
Dim.B=(1/2P-1)x5.08		
P=Number of poles (04-48)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
Units:mm	

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000MΩ or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/1*1

Packing information

Poles	Order Number	SPQ
2*2	CAHAEH50804x000	120
2*3	CAHAEH50806x000	84
2*4	CAHAEH50808x000	60
2*5	CAHAEH50810x000	48
2*6	CAHAEH50812x000	48
2*7	CAHAEH50814x000	36
2*8	CAHAEH50816x000	32
2*9	CAHAEH50818x000	32
2*10	CAHAEH50820x000	28
2*11	CAHAEH50822x000	24
2*12	CAHAEH50824x000	24
2*13	CAHAEH50826x000	24
2*14	CAHAEH50828x000	18
2*15	CAHAEH50830x000	18
2*16	CAHAEH50832x000	18
2*17	CAHAEH50834x000	16
2*18	CAHAEH50836x000	16
2*19	CAHAEH50838x000	16
2*20	CAHAEH50840x000	12
2*21	CAHAEH50842x000	12
2*22	CAHAEH50844x000	12
2*23	CAHAEH50846x000	12
2*24	CAHAEH50848x000	8

Ordering code

CAHA EH 508 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAS T/D 508 Series



CAMBS R/W 508 Series



CAMCSD508 Series



CAMESO508 Series



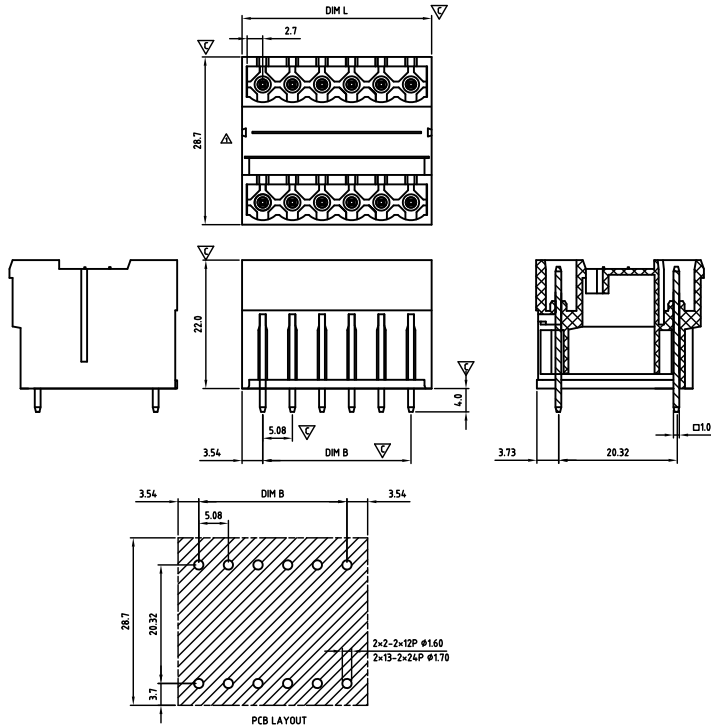
CAPAS T/D 508 Series





CAHAEV508-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=1/2Px5.08+2.0

Dim.B=(1/2P-1)x5.08

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread		-
Flange nut tightening torque(Nm)		-
Insulation Withstanding Voltage		AC 1600 / 1min
Insulation Resistance		1000M Ω or more at DC500V
Using temperature range		-40°C-115°C
Soldering temperature		250±5°C/5s

Materials

Insulation material group		PA 66 I UL94 -V0
PIN		Copper, Tin plated
Flange nut		-
Borehole diameter/pin dimensions(mm)		1.6/1*1

Packing information

Poles	Order Number	SPQ
2*2	CAHAEV50804x000	160
2*3	CAHAEV50806x000	112
2*4	CAHAEV50808x000	80
2*5	CAHAEV50810x000	64
2*6	CAHAEV50812x000	60
2*7	CAHAEV50814x000	48
2*8	CAHAEV50816x000	40
2*9	CAHAEV50818x000	40
2*10	CAHAEV50820x000	32
2*11	CAHAEV50822x000	32
2*12	CAHAEV50824x000	28
2*13	CAHAEV50826x000	28
2*14	CAHAEV50828x000	24
2*15	CAHAEV50830x000	20
2*16	CAHAEV50832x000	20
2*17	CAHAEV50834x000	20
2*18	CAHAEV50836x000	20
2*19	CAHAEV50838x000	16
2*20	CAHAEV50840x000	16
2*21	CAHAEV50842x000	16
2*22	CAHAEV50844x000	16
2*23	CAHAEV50846x000	16
2*24	CAHAEV50848x000	16

Ordering code

CAHA EV 508 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAS T/D 508 Series



CAMBS R/W 508 Series



CAMCSD508 Series



CAMESO508 Series



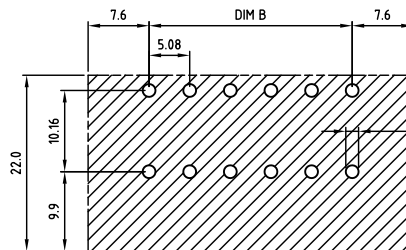
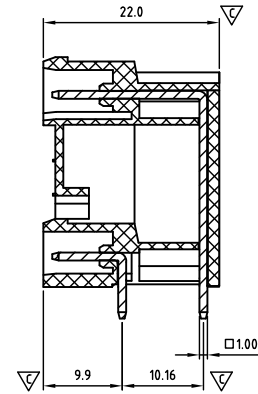
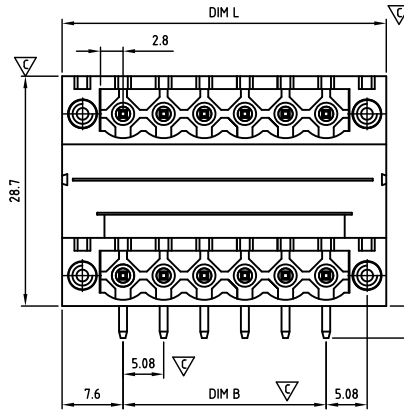
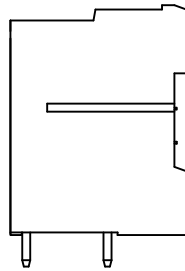
CAPAS T/D 508 Series





CAHAFH508-SERIES

cULus E501953



PCB LAYOUT

Critical dimension: ∇

Dim.L=(1/2P+2)x5.08

Dim.B=(1/2P-1)x5.08

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

2x2-2x12P ϕ 1.60
2x13-2x24P ϕ 1.70

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x ^o	+/-1 ^o

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40 $^{\circ}$ C-115 $^{\circ}$ C
Soldering temperature	250 \pm 5 $^{\circ}$ C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2*2	CAHAFH50804x000	72
2*3	CAHAFH50806x000	48
2*4	CAHAFH50808x000	48
2*5	CAHAFH50810x000	36
2*6	CAHAFH50812x000	36
2*7	CAHAFH50814x000	24
2*8	CAHAFH50816x000	24
2*9	CAHAFH50818x000	24
2*10	CAHAFH50820x000	24
2*11	CAHAFH50822x000	18
2*12	CAHAFH50824x000	16
2*13	CAHAFH50826x000	16
2*14	CAHAFH50828x000	16
2*15	CAHAFH50830x000	16
2*16	CAHAFH50832x000	12
2*17	CAHAFH50834x000	12
2*18	CAHAFH50836x000	12
2*19	CAHAFH50838x000	12
2*20	CAHAFH50840x000	12
2*21	CAHAFH50842x000	12
2*22	CAHAFH50844x000	6
2*23	CAHAFH50846x000	6
2*24	CAHAFH50848x000	6

Ordering code

CAHA FH 508 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT508 Series



CAMAFD508 Series



CAMBFR508 Series



CAMBFW508 Series



CAPAFD508 Series



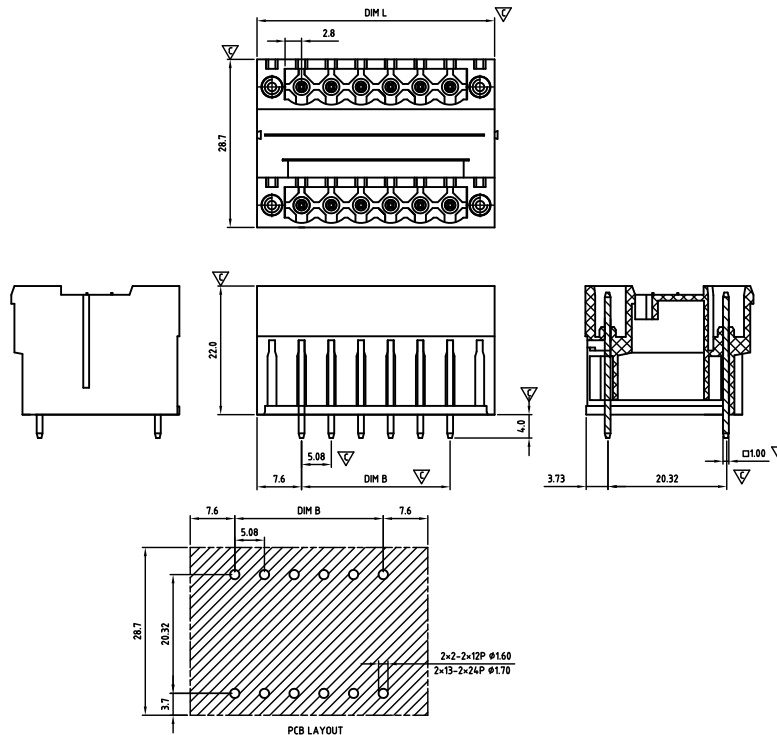
CAPAFD508XXX100 Series





CAHAFV508-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(1/2P+2)x5.08

Dim.B=(1/2P-1)x5.08

P=Number of poles (04-48)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
Units:mm	

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / -		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2*2	CAHAFV50804x000	96
2*3	CAHAFV50806x000	64
2*4	CAHAFV50808x000	64
2*5	CAHAFV50810x000	48
2*6	CAHAFV50812x000	48
2*7	CAHAFV50814x000	40
2*8	CAHAFV50816x000	32
2*9	CAHAFV50818x000	32
2*10	CAHAFV50820x000	32
2*11	CAHAFV50822x000	28
2*12	CAHAFV50824x000	24
2*13	CAHAFV50826x000	20
2*14	CAHAFV50828x000	20
2*15	CAHAFV50830x000	20
2*16	CAHAFV50832x000	20
2*17	CAHAFV50834x000	20
2*18	CAHAFV50836x000	16
2*19	CAHAFV50838x000	16
2*20	CAHAFV50840x000	16
2*21	CAHAFV50842x000	16
2*22	CAHAFV50844x000	16
2*23	CAHAFV50846x000	8
2*24	CAHAFV50848x000	8

Ordering code

CAHA FV 508 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (04-48)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT508 Series



CAMAFD508 Series



CAMBFR508 Series



CAMBFW508 Series



CAPAFD508 Series



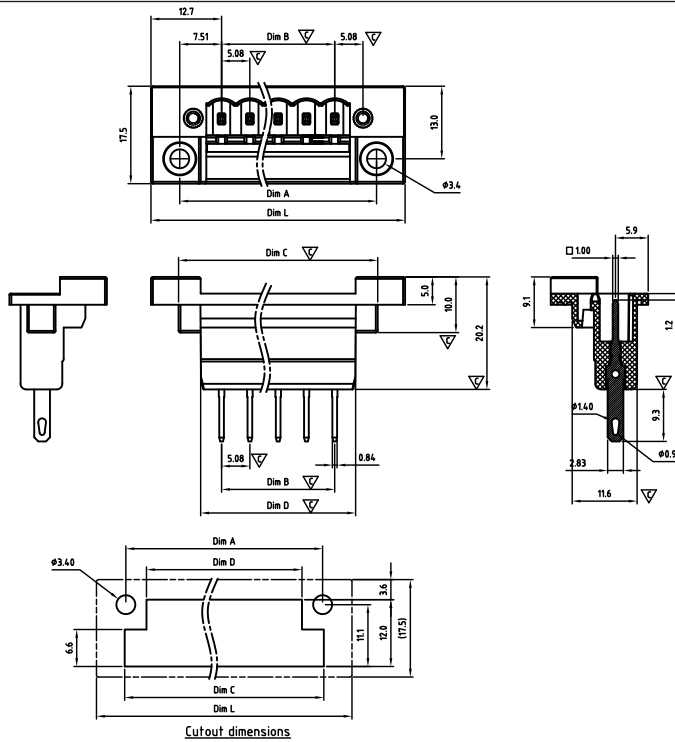
CAPAFD508XXX100 Series





CAHECV508-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)×3.5+4.9
 Dim.B=(P-1)×3.5
 P=Number of poles (02-24)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Cutout dimensions

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Pitch 5,08mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		320		
Rated current/conductor cross-section (A/mm ²)		12 / 2,5		
Solid/stranded(mm ²)		-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2	
Rated insulation voltage(V)	250	320	400	
Rated surge voltage(kV)	4	4	4	

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	2.8*0.8
The thick housing walls(mm)	for 0.5 to 4.0

Packing information

Poles	Order Number	SPQ
2	CAHECV50802x000	120
3	CAHECV50803x000	90
4	CAHECV50804x000	80
5	CAHECV50805x000	60
6	CAHECV50806x000	48
7	CAHECV50807x000	48
8	CAHECV50808x000	48
9	CAHECV50809x000	42
10	CAHECV50810x000	36
11	CAHECV50811x000	30
12	CAHECV50812x000	30
13	CAHECV50813x000	30
14	CAHECV50814x000	24
15	CAHECV50815x000	24
16	CAHECV50816x000	24
17	CAHECV50817x000	24
18	CAHECV50818x000	24
19	CAHECV50819x000	24
20	CAHECV50820x000	24
21	CAHECV50821x000	12
22	CAHECV50822x000	12
23	CAHECV50823x000	12
24	CAHECV50824x000	12

Ordering code

CAHE CV 508 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-24)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color	
0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

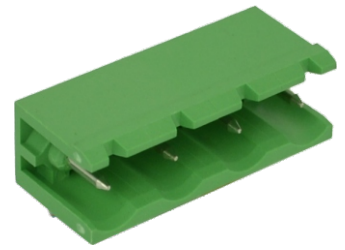
Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFT508 Series	
CAMAFD508 Series	
CAMBFR508 Series	
CAMBFW508 Series	
CAPAFD508 Series	
CAPAFD508XXX100 Series	

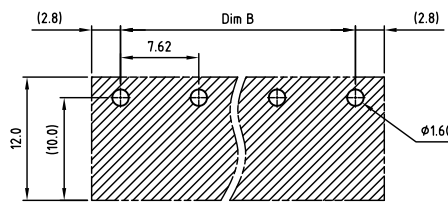
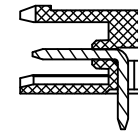
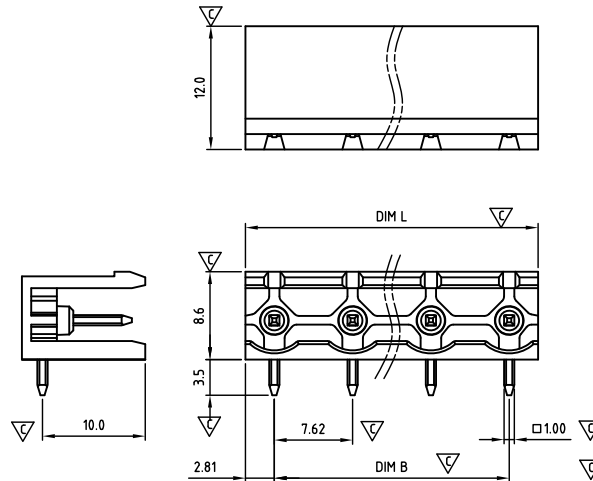




CAHAAH762-SERIES

Pitch 7,62mm

cULus E501953



RECOMMENDED PCB LAYOUT

Critical dimension: ∇

Dim.L=(P-1)x7.62+5.7

Dim.B=(P-1)x7.62

P=Number of poles (02-12)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
\varnothing	Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		630	
Rated current/conductor cross-section (A/mm ²)		12 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	400	630	1000
Rated surge voltage(kV)	6	6	6

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHAAH76202x000	500
3	CAHAAH76203x000	300
4	CAHAAH76204x000	250
5	CAHAAH76205x000	215
6	CAHAAH76206x000	180
7	CAHAAH76207x000	160
8	CAHAAH76208x000	140
9	CAHAAH76209x000	105
10	CAHAAH76210x000	100
11	CAHAAH76211x000	70
12	CAHAAH76212x000	70

Ordering code

CAHAAH 762 xx x xxx

① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-12)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMASD762 Series



CAMBSR762 Series



CAMBSW762 Series

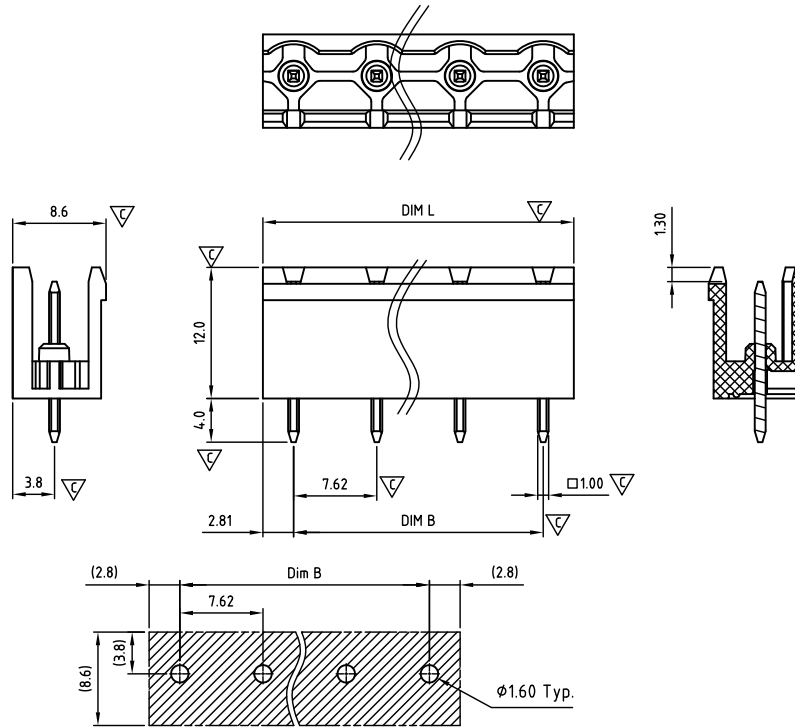




CAHA AV 762-SERIES

Pitch 7,62mm

cULus E501953



Critical dimension: ▽

Dim.L=(P-1)x7.62+5.7

Dim.B=(P-1)x7.62

P=Number of poles (02-12)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
Units:mm	

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity (AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		630	
Rated current/conductor cross-section (A/mm ²)		12 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	400	630	1000
Rated surge voltage(kV)	6	6	6

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.6/1 *1

Packing information

Poles	Order Number	SPQ
2	CAHA AV 76202x000	500
3	CAHA AV 76203x000	300
4	CAHA AV 76204x000	200
5	CAHA AV 76205x000	250
6	CAHA AV 76206x000	200
7	CAHA AV 76207x000	175
8	CAHA AV 76208x000	160
9	CAHA AV 76209x000	120
10	CAHA AV 76210x000	110
11	CAHA AV 76211x000	100
12	CAHA AV 76212x000	100

Ordering code

CAHA AV 762 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-12)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMASD762 Series



CAMBSR762 Series



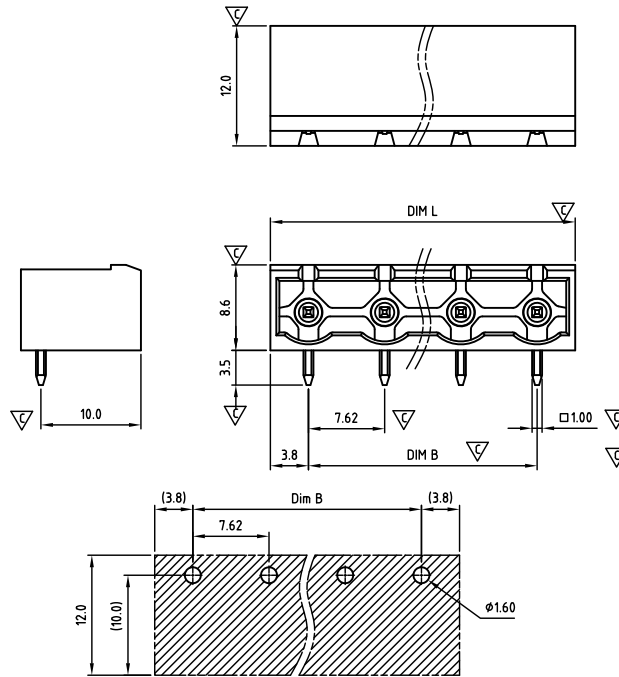
CAMBSW762 Series





CAHABH762-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=Px7.62

Dim.B=(P-1)x7.62

P=Number of poles (02-12)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

RECOMMENDED PCB LAYOUT

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		630	
Rated current/conductor cross-section (A/mm ²)		12 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	400	630	1000
Rated surge voltage(kV)	6	6	6

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHABH76202x000	500
3	CAHABH76203x000	300
4	CAHABH76204x000	250
5	CAHABH76205x000	215
6	CAHABH76206x000	180
7	CAHABH76207x000	160
8	CAHABH76208x000	140
9	CAHABH76209x000	105
10	CAHABH76210x000	100
11	CAHABH76211x000	70
12	CAHABH76212x000	70

Ordering code

CAHA BH 762 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-12)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMASD762 Series



CAMBSR762 Series



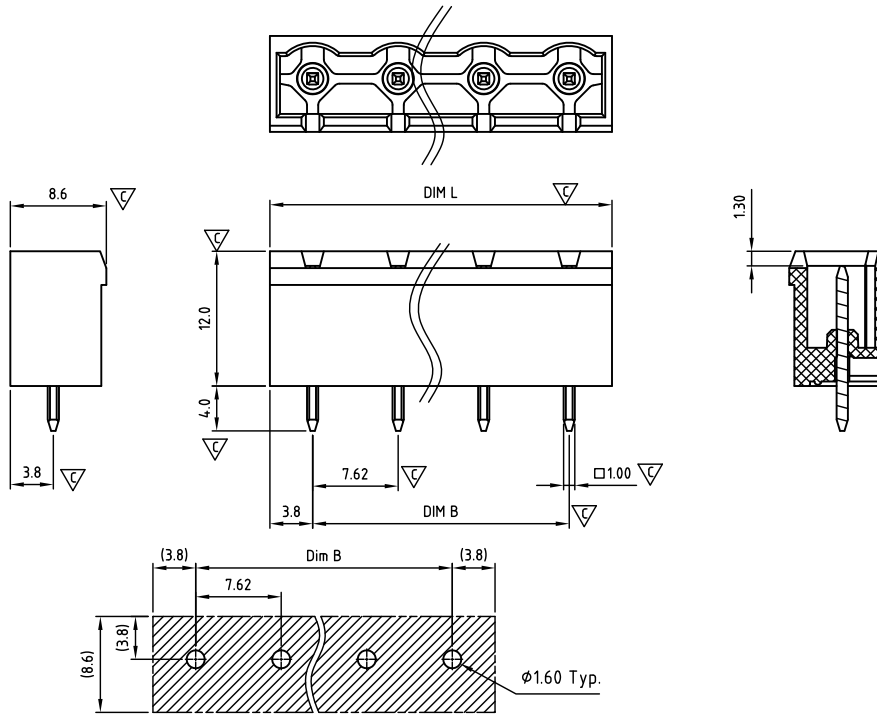
CAMBSW762 Series





CAHABV762-SERIES

cULus E501953



Critical dimension: ▽

Dim.L=Px7.62		
Dim.B=(P-1)x7.62		
P=Number of poles (02-16)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°
Units:mm	

Pitch 7,62mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity(AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		630	
Rated current/conductor cross-section (A/mm ²)		12 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	400	630	1000
Rated surge voltage(kV)	6	6	6

General data

Flange nut thread	-
Flange nut tightening torque(Nm)	-
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	-
Borehole diameter/pin dimensions(mm)	1.6/1 *1

Packing information

Poles	Order Number	SPQ
2	CAHABV76202x000	500
3	CAHABV76203x000	300
4	CAHABV76204x000	200
5	CAHABV76205x000	250
6	CAHABV76206x000	200
7	CAHABV76207x000	175
8	CAHABV76208x000	160
9	CAHABV76209x000	120
10	CAHABV76210x000	110
11	CAHABV76211x000	100
12	CAHABV76212x000	100
13		
14		
15		
16		

Ordering code

CAHA BV 762 xx x xxx
 ① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-12)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color	
0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMASD762 Series

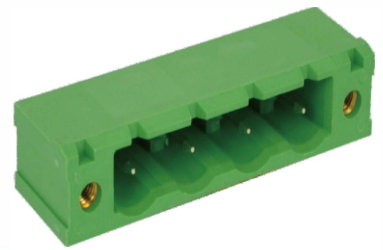


CAMBSR762 Series



CAMBSW762 Series

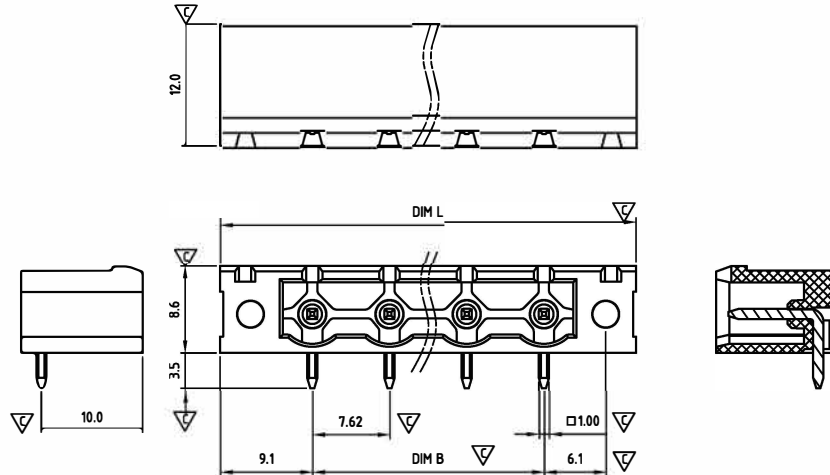




CAHACH762-SERIES

Pitch 7,62mm

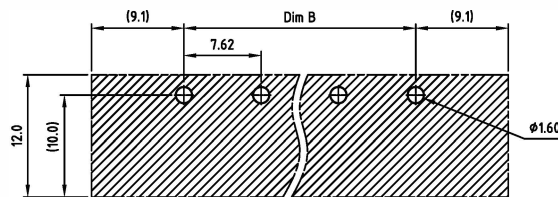
cULus E501953



Critical dimension: ▽

Dim.L=(P-1)x7.62+18.2
Dim.B=(P-1)x7.62
P=Number of poles (02-16)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40



RECOMMENDED PCB LAYOUT

Tolerance	
x	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x ^o	+/-1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)	300	-	-	300
Nominal current (A)	15	-	-	10
Connection capacity (AWG)	-	-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)	630		
Rated current/conductor cross-section (A/mm ²)	12 / -		
Solid/stranded(mm ²)	-		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	400	630	1000
Rated surge voltage(kV)	6	6	6

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250±5°C/5s

Materials

Insulation material group	PA 66 UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHACH76202x000	300
3	CAHACH76203x000	200
4	CAHACH76204x000	215
5	CAHACH76205x000	180
6	CAHACH76206x000	140
7	CAHACH76207x000	125
8	CAHACH76208x000	105
9	CAHACH76209x000	100
10	CAHACH76210x000	95
11	CAHACH76211x000	90
12	CAHACH76212x000	75
13	CAHACH76213x000	70
14	CAHACH76214x000	70
15	CAHACH76215x000	40
16	CAHACH76216x000	40

Ordering code

CAHA CH 762 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-16)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color	
0 Black	5 Green
1 Brown	6 Blue
2 Red	7 Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFD762 Series

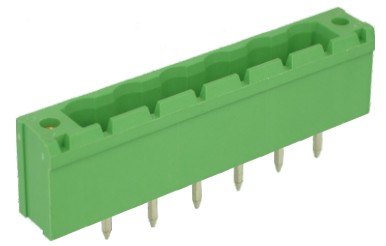


CAMBFR762 Series



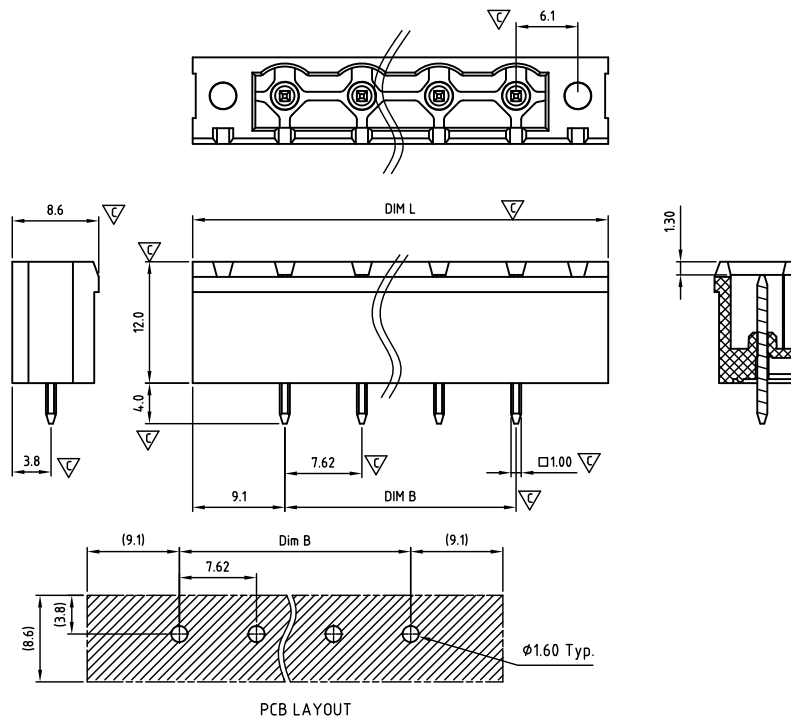
CAMBFW762 Series





CAHACV762-SERIES

cULus E501953



Critical dimension: ∇

Dim.L=(P-1)x7.62+18.2

Dim.B=(P-1)x7.62

P=Number of poles (02-16)

	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/- 1°

Units:mm

Technical data

Technical data in accordance with UL/CUL

	Use Group	B	C	D
Nominal voltage (V)		300	-	300
Nominal current (A)		15	-	10
Connection capacity (AWG)		-	-	-

Technical data in accordance with IEC

Rated insulation voltage at pollution degree 2 (V)		630	
Rated current/conductor cross-section (A/mm ²)		12 / -	
Solid/stranded(mm ²)		-	
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	400	630	1000
Rated surge voltage(kV)	6	6	6

General data

Flange nut thread	M2.5
Flange nut tightening torque(Nm)	Max. 0.3
Insulation Withstanding Voltage	AC 1600 / 1min
Insulation Resistance	1000M Ω or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	250 \pm 5°C/5s

Materials

Insulation material group	PA 66 I UL94 -V0
PIN	Copper, Tin plated
Flange nut	Brass
Borehole diameter/pin dimensions(mm)	1.6/1*1

Packing information

Poles	Order Number	SPQ
2	CAHACV76202x000	300
3	CAHACV76203x000	250
4	CAHACV76204x000	200
5	CAHACV76205x000	180
6	CAHACV76206x000	160
7	CAHACV76207x000	150
8	CAHACV76208x000	115
9	CAHACV76209x000	110
10	CAHACV76210x000	110
11	CAHACV76211x000	100
12	CAHACV76212x000	85
13	CAHACV76213x000	80
14	CAHACV76214x000	80
15	CAHACV76215x000	50
16	CAHACV76216x000	50

Ordering code

CAHA CV 762 xx x xxx
① ② ③ ④ ⑤ ⑥

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles (02-16)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

0 Black	5 Green
1 Brown	6 Blue
2 Red	G Pale grey
3 Orange	8 Dark grey
4 Yellow	9 White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAMAFD762 Series

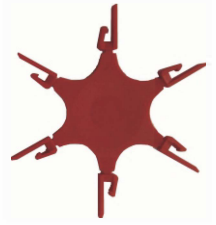


CAMBFR762 Series



CAMBFW762 Series

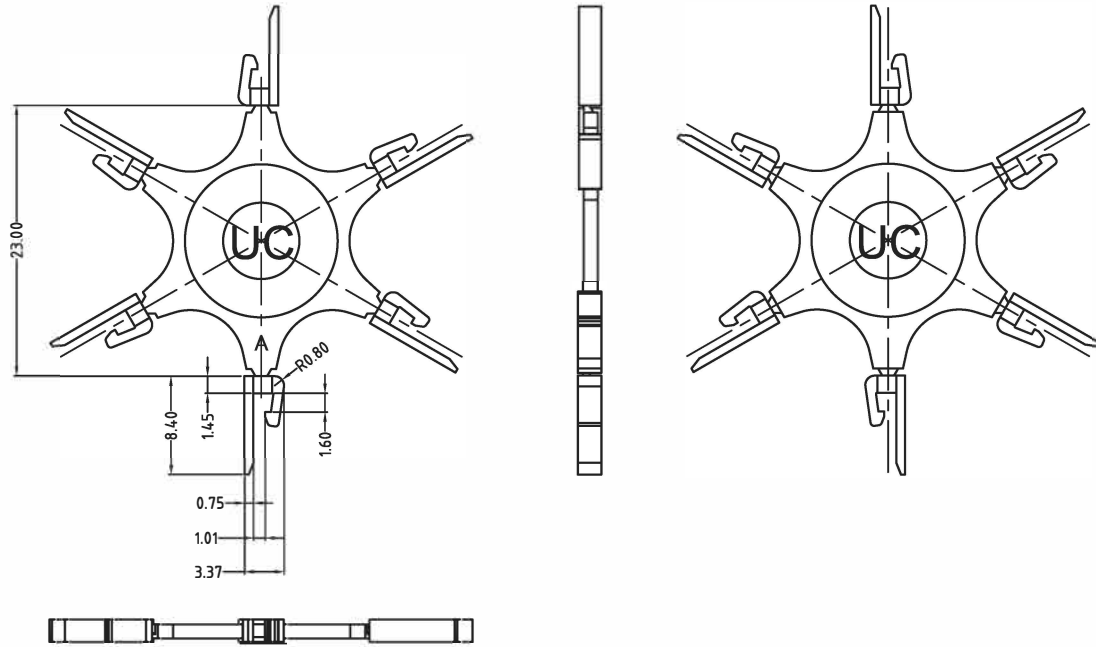




Accessories FOR HEADERS

CAUC-SERIES CODING KEY (Suitable for pitch 5,00/5,08/7,62)

Pitch 5,00/5,08/7,62mm



Tolerance	
x	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°

Units:mm

Technical data

Technical data in accordance with UL/cUL

Use Group	B	C	D
Nominal voltage (V)			
Nominal current (A)			
Connection capacity(AWG)			

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	
Rated current/conductor cross-section (A/mm ²)	
Solid/stranded(mm ²)	
Surge voltage category/pollution degree	
Rated insulation voltage(V)	
Rated surge voltage(kV)	

General data

Flange nut thread	
Flange nut tightening torque(Nm)	
Insulation Withstanding Voltage	
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C
Soldering temperature	

Materials

Insulation material group	PA 66 UL94 -V0
PIN	
Flange nut	
Borehole diameter/pin dimensions(mm)	

Packing information

Poles	Order Number	SPQ
2	CAUC00000002000	880

Ordering code

CAUC 00 000 00 x xxx

- ① Type
- ② Product style
- ③ Pitch
- ④ Poles(00)
- ⑤ Color
- ⑥ Standard 000 or Custom XXX

Color

2 Red

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAHACH508 Series



CAHACV508 Series



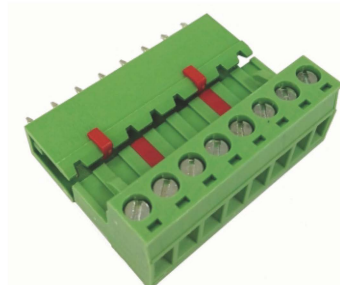
CAHAPH508 Series



CAHAPV508 Series









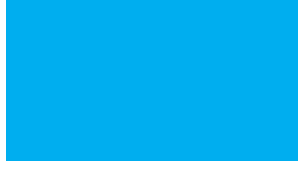


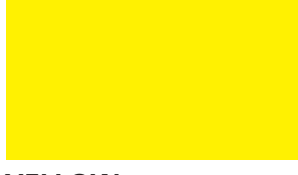


CAHECV508 Series



TERMINAL BLOCKS

COLOR SIMILAR TO RAL XXX

COLOR

 <p>BLACK Similar to RAL9005</p>	 <p>BROWN Similar to RAL8017</p>	 <p>RED Similar to RAL3001</p>
 <p>ORANGE Similar to RAL2011</p>	 <p>GREEN Similar to RAL6018/K</p>	 <p>LIGHT GREEN Similar to RAL6018/U</p>
 <p>BLUE Similar to RAL5015</p>	 <p>LIGHT GREY Similar to RAL7035</p>	 <p>DARK GREY Similar to RAL7004</p>
 <p>YELLOW Similar to RAL1018</p>	 <p>WHITE Similar to RAL1102</p>	 <p>YELLOW-GREEN Applied to earth terminal</p>

COLORS AND MARKING

We have many sets of high precision injecting machine. All the machines can process a variety of high precision injecting products, in order to meet all kinds of components and customer's needs. Also, our factory is using concentrated dry feeding system and automatic suction machine, so that the machines can supply material automatically. We only need one person to run this production line, which is the best part of

our precision injecting machines. Furthermore, we do make special features in the plastic housing to prevent mismatching, increase creeping distance or prevent PCB parts to have wrong orientation. In addition to this we do special marking and even special color if needed.

Terminal blocks and headers can be marked by different methods. We offer our customers two kinds

of printing: ink-jet printing, the cost-effective, fast and flexible solution to print letters or individual characters. The tampon printing is also available. The Tampon print guarantees the best quality and definition. A variety of letters and characters are possible, even on corners and round surfaces. Both types of printing are wipe-proof; the tampon-printing method is also resistant to isopropyl alcohol.

AUTOMATED ASSEMBLY

According to the different characteristics of products, we have divided our assembly production line into two:

automated assembly line and manual assembly line. Our professional engineers not only have the ability to design the labor power into the automated assembly system, but also are able to develop and improve the automated assembly machines, as well as defective product detecting system.

Hence we can ensure the quality of product also improve the productivity. Recent years, in order to reduce the production costs and improve market competitiveness, CABCON has reduced the cost in manual production and focused

on the development of automation equipment, to ensure product quality and production capacity. Production efficiency will lead the delivery time become more accurate.

INJECTION MOLDING

Right now CABCON has many sets of high precision injecting machine. All the machines are able to process a variety of high precision injecting products, in order to meet all kinds of components and OEM / ODM customer's needs. Also our factory is using concentrated dry feeding system and automatic suction machine, so that the machines can supply material automatically. CABCON only needs one person to run this production line, which is the best part of our precision injecting machines.

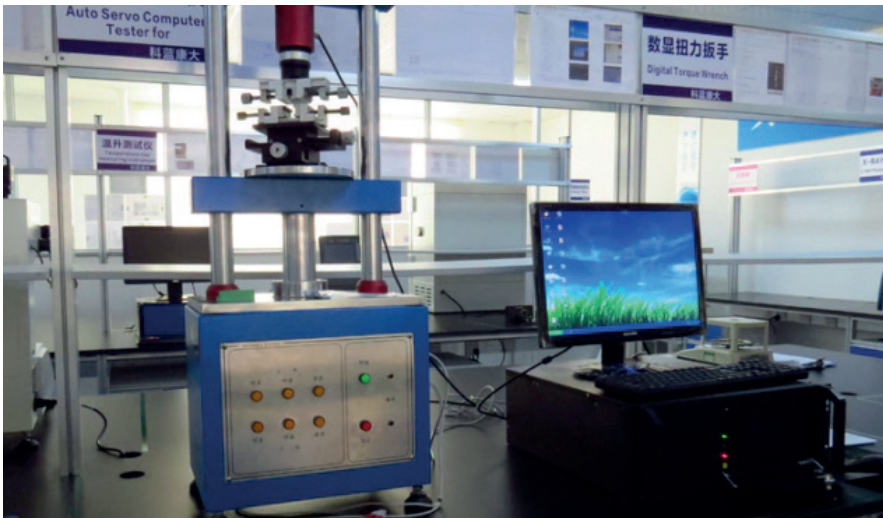
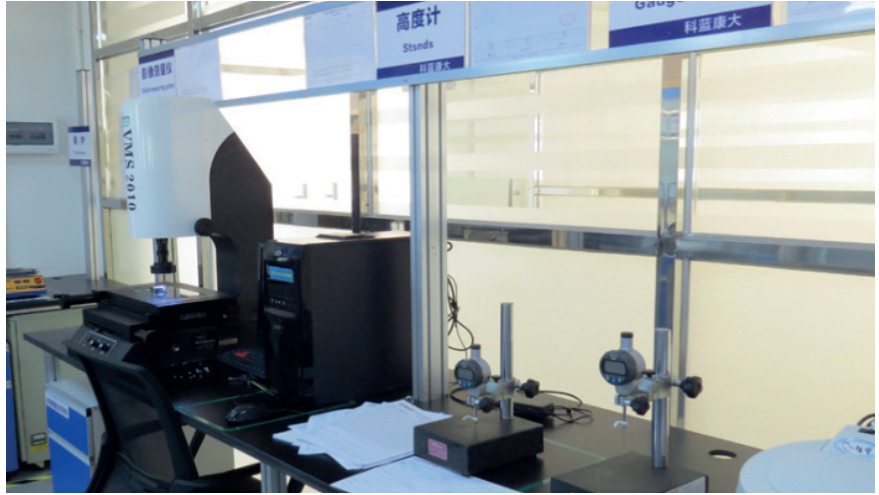
SCREW AND METAL CAGE

CABCON has all kinds of precision lathes, drilling, tapping machines. Also our production line has a number of advanced and efficient CCD automatic detecting systems.



TESTING LABORATORY

ISO/IEC17025 standard is applied in CABCON's laboratory. Our lab has included the testing equipments of electrical, environmental, mechanical and vibration. All equipments are comply with UL1059 UL486E IEC60947 IEC60998 IEC61984 GB13140 to monitor the production process, hence ensure the quality and stability of CABCON's product.



COMPANY ABILITY



CREATING VALUE



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