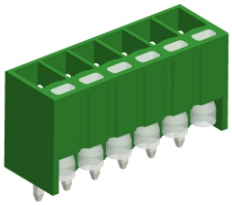
cabcon CONTACTS

HEADER FOR PLUGS

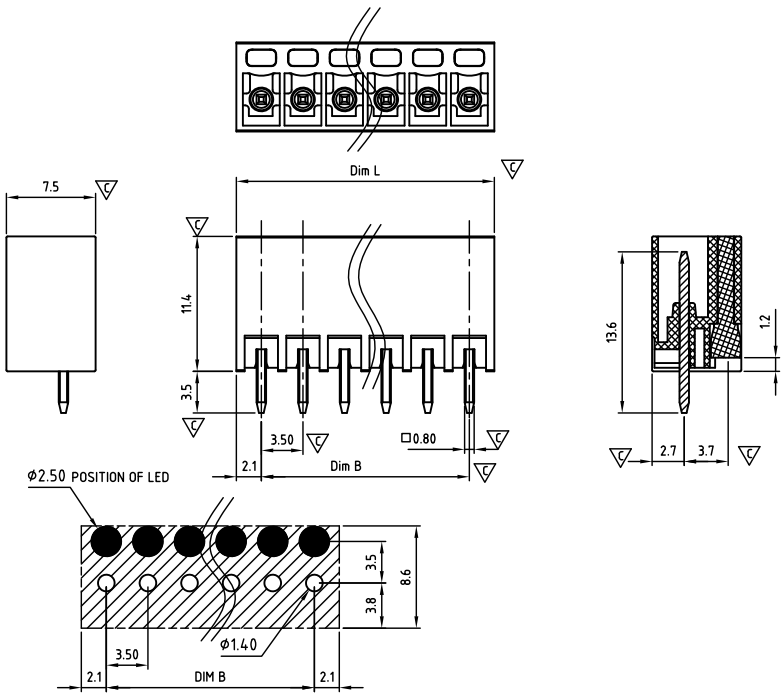


CAHABV350-SERIES (with light guide type)

Pitch 3,50mm

cRUus E501953

VDE



RECOMMENDED PCB LAYOUT

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/mm²)	8 / -		
Solid/stranded(mm²)	-		
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	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

Lead Free | RoHS Compliant 2011/65/EU | 3,50 mm | 8A IEC | 160V IEC | 180° | Wave