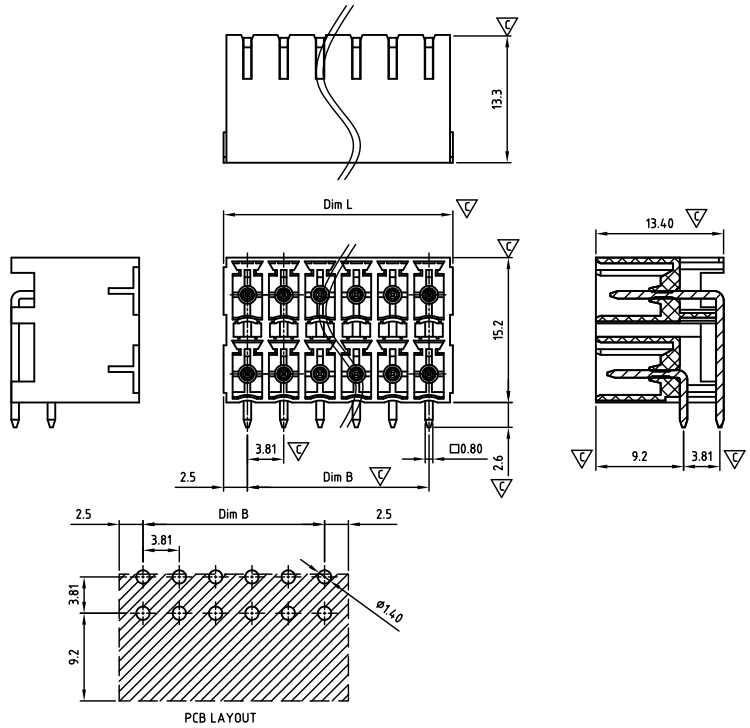
cabcon CONTACTS

HEADER FOR PLUGS

CAHFBH381-SERIES

Pitch 3,81mm

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/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

Lead Free | RoHS Compliant 2011/65/EU | 3,81 mm | 8A IEC | 160V IEC | 90° | Wave

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

CAHF BH 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