



Note 1: The upper insulator is for pin alignment only, for load bearing, please contact GCT.

Specifications

Material

Contact: Copper Alloy
Insulator: LCP, UL 94V-0, Black

Plating

Gold Flash All Over

Electrical

Current Rating: 1 Amp
Contact Resistance: 20 mΩ max.
Insulation Resistance: 1000 MΩ min.
Dielectric Withstand Voltage: 300 V AC

Soldering Process:

IR Reflow: 260°C for 10 sec.
Wave: 250°C for 5-10 sec
Manual Solder: 350°C for 3-5 sec

Mechanical & Environmental

Operating Temperature: -40°C to +105°C

Mates with (Subject to pin length):

BC065 BC070 BC075

No. of Contacts	Dimensions	
	A	B
4	3.00	4.00
5	4.00	5.00
6	5.00	6.00
7	6.00	7.00
8	7.00	8.00
9	8.00	9.00
10	9.00	10.00
11	10.00	11.00
12	11.00	12.00
13	12.00	13.00
14	13.00	14.00
15	14.00	15.00
16	15.00	16.00
17	16.00	17.00
18	17.00	18.00
19	18.00	19.00
20	19.00	20.00
21	20.00	21.00
22	21.00	22.00
23	22.00	23.00
24	23.00	24.00
25	24.00	25.00
26	25.00	26.00
27	26.00	27.00
28	27.00	28.00
29	28.00	29.00
30	29.00	30.00
31	30.00	31.00
32	31.00	32.00
33	32.00	33.00
34	33.00	34.00
35	34.00	35.00
36	35.00	36.00
37	36.00	37.00
38	37.00	38.00
39	38.00	39.00
40	39.00	40.00



No. of Contacts
04 to 40

Contact Plating
A = Gold Flash All Over (Standard)

Dimension C (Post Height) (1/100mm)
0200 = 2.00mm (Standard)
or specify custom Post Height
eg 0250 = 2.50mm
(Maximum 0400=4.00mm)
(Minimum 0050=0.50mm)

Dimension D (Tail Length) (1/100mm)
0200 = 2.00mm (Standard)
or specify custom Tail Length
eg 0250 = 2.50mm
(Maximum 0400=4.00mm)
(Minimum 0050=0.50mm)

Packing Options
G = Plastic Box (Standard)
A= Tape and Reel
B= Tape & Reel with Cap
D = Tube
E = Tube with Cap

Insulator Material
L = LCP

Dimension E (Stack Height) (1/100mm)
0400 = 4.00mm (Standard)
or specify custom Stack Height
eg 0250 = 2.50mm
(Maximum 1200=12.00mm)

Request Samples and Quotation

Part Number BC025		Product Description 1.0mm Pitch Elevated Pin Header, Single Row, Through-Hole, Vertical	
Drawing Date 20th May 2008			
By KY	Tolerances (Except as Noted)	Units: Metric (mm)	 This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
Detail BC025 C PCN	Length X. ± 0.30	Angle X° ± 5°	
Revision C4	X.X ± 0.25	X.XX° ± 3°	
Date 17/06/24	X.XX ± 0.15	X.XXX° ± 2°	
	X.XXX ± 0.10	X.XXX° ± 1°	

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Not to Scale	Drawn By AJO	Sheet No. 1/1
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