

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**

See ordering grid

**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**

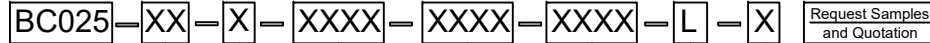
Operating Temperature: -40°C to +105°C

**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

**Ordering Grid**



No. of Contacts  
04 to 40

**Contact Plating**

A = Gold Flash All Over (Standard)  
C = Tin All Over

**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 & 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	CC	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BC025 C PCN	Length X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Angle X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°
Revision	C3	3rd Angle Projection	
Date	23/11/23		
<p>This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E &amp; OE</p>			
		<a href="http://www.gct.co">www.gct.co</a>	
Not to Scale	Drawn By AJO	Sheet No. 1/1	