

No. of Contacts
02 to 33

Contact Plating

A = Gold Flash All Over (Standard)
 B = Selective Gold Flash Contact Area/Tin On Tail
 C = Tin All Over
 G = 10µ" Gold Contact Area/Tin On Tail
 I = 30µ" Gold Contact Area/Tin On Tail

Insulator Height H

A = 1.50mm
 B = 2.00mm
 E = 2.54mm
 K = 1.00mm

Packing Options
D = Tube

Insulator Material
L = LCP

Dimension D (1/100mm) (Tail Length)
See Table
Or Specify custom post height
eg. 0250 = 2.50mm

Dimension C (1/100mm) (Post Height)
See Table
Or Specify custom post height
eg. 0250 = 2.50mm

Insulator Height H	Dim C Standard (mm)	Dim D Standard (mm)	Dim C&D Max (mm)	Dim C&D Min (mm)	OL Max (mm)
A=1.50mm	2.1	2.1	8.00	0.50	12.00
B=2.00mm	4.0	2.8	10.00	0.50	15.00
E=2.54mm	6.0	3.0	10.00	0.50	15.00
K=1.00mm	3.0	2.3	6.00	0.50	10.00

Specifications

Material

Insulator: LCP, UL94V-0, Black
 Contact: Brass

Plating

Contact Area: See ordering grid
 Underplating: Nickel all over

Electrical

Current Rating: 1A Per Pin
 Contact Resistance: 20 mΩ max.
 Insulating Resistance: 1000 MΩ min.
 Dielectric Withstand Voltage: 300V AC

Mechanical & Environmental





Operating Temperature: -40°C to +105°C
 Soldering process:
 IR Reflow: 260°C for 10 sec.
 Wave: 250°C for 5-10 sec
 Manual Solder: 350°C for 3-5 sec

Mates with (Subject to Pin Length)

BD074 BD075 BD080 BD090

BD074 Recommended mating length 1.50mm
 BD075 Recommended mating length 3.00mm
 BD080 Recommended mating length 3.00mm
 BD090 Recommended mating length 3.00mm

Number of Contacts	Dimensions	
	A	B
2	1.27	2.54
3	2.54	3.81
4	3.81	5.08
5	5.08	6.35
6	6.35	7.62
7	7.62	8.89
8	8.89	10.16
9	10.16	11.43
10	11.43	12.70
11	12.70	13.97
12	13.97	15.24
13	15.24	16.51
14	16.51	17.78
15	17.78	19.05
16	19.05	20.32
17	20.32	21.59
18	21.59	22.86
19	22.86	24.13
20	24.13	25.40
21	25.40	26.67
22	26.67	27.94
23	27.94	29.21
24	29.21	30.48
25	30.48	31.75
26	31.75	33.02
27	33.02	34.29
28	34.29	35.56
29	35.56	36.83
30	36.83	38.10
31	38.10	39.37
32	39.37	40.64
33	40.64	41.91

Part Number BD022		Product Description 1.27mm Pitch Pin Header Single Row, Through-Hole, Vertical		 www.gct.co	
Drawing Date 20th October 2017					
By	CC	Tolerances (Except as Noted)		Units: Metric (mm)	
Detail	Drawing Release	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Angle X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°		
Revision	A1				
Date	14/12/18			 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	
				Not to Scale	Drawn By CC
				Sheet No. 1/1	