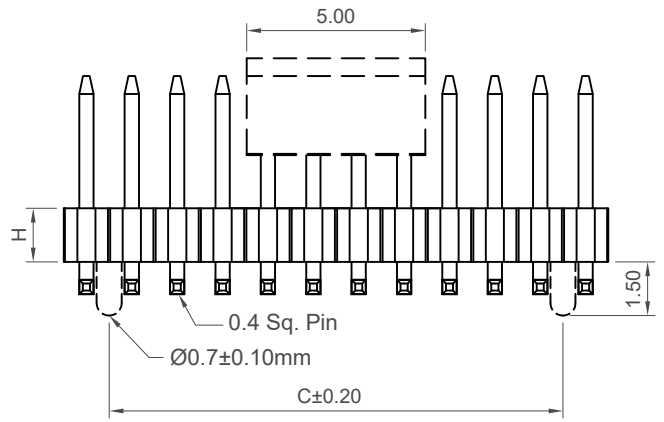
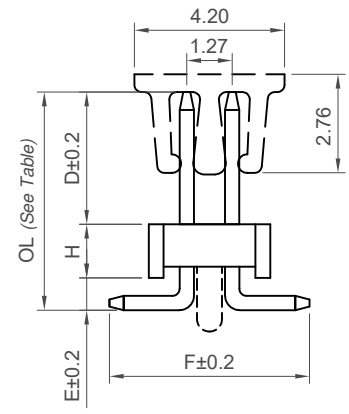


Recommended PCB Layout

▨ Solder Area



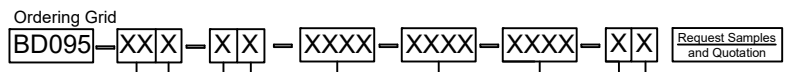
Specifications

- Material**
 Insulator Material: Polymer, LCP, UL 94V-0
 Contact Terminal: Copper Alloy
- Plating**
 See Ordering Grid
- Electrical**
 Current Rating: 1A per pin
 Contact Resistance: 20 mΩ max.
 Insulating Resistance: 1000 MΩ min.
 Dielectric Withstand Voltage: 300V 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

Number of Contacts	Dimension		
	A	B	C
6	2.54	3.81	1.27
8	3.81	5.08	2.54
10	5.08	6.35	3.81
12	6.35	7.62	5.08
14	7.62	8.89	6.35
16	8.89	10.16	7.62
18	10.16	11.43	8.89
20	11.43	12.70	10.16
22	12.70	13.97	11.43
24	13.97	15.24	12.70
26	15.24	16.51	13.97
28	16.51	17.78	15.24
30	17.78	19.05	16.51
32	19.05	20.32	17.78
34	20.32	21.59	19.05
36	21.59	22.86	20.32
38	22.86	24.13	21.59
40	24.13	25.40	22.86
42	25.40	26.67	24.13
44	26.67	27.94	25.40
46	27.94	29.21	26.67
48	29.21	30.48	27.94
50	30.48	31.75	29.21
52	31.75	33.02	30.48
54	33.02	34.29	31.75
56	34.29	35.56	33.02
58	35.56	36.83	34.29
60	36.83	38.10	35.56
62	38.10	39.37	36.83
64	39.37	40.64	38.10
66	40.64	41.91	39.37

- Mates with (Subject to pin length)**
 BD050 BD055 BD060 BD064
 BD065 BD091 BD092

Maximum Table		
Insulator Height H	OL Max (mm)	Dim D Max (mm)
A=1.50mm	10.00	8.00
K=1.00mm	10.00	6.00
B=2.00mm	15.00	10.00
L=2.50mm	15.00	10.00
F=3.00mm	15.00	10.00



- 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
 H = 15µ" Gold Contact Area/Tin On Tail
 I = 30µ" Gold Contact Area/Tin On Tail

- Insulator Height "H"**
 A = 1.50mm (Standard)
 K = 1.00mm
 B = 2.00mm
 L = 2.50mm
 F = 3.00mm

- Locating Peg**
 0 = Without
 1 = With

- Dimension D (1/100mm) (Post Height)**
 0200 = 2.00mm (Standard)
 0350 = 3.50mm (Standard)
 or specify Custom Post Height
 eg 2.50mm = 0250
 (Minimum 0100 = 1.00mm)
 (Maximum - See Table)

- Dimension F (1/100mm) (Width of Footprint)**
 0570 = 5.70mm (Standard)
 or specify Custom Footprint Width
 e.g. 2.50mm = 0250
 (Tooling charge may apply)

- Dimension E (1/100mm) (PCB to Insulator)**
 0070 = 0.70mm (Standard)
 or specify Custom PCB to Insulator dimension
 eg. 2.50mm = 0250
 (Minimum 0050 = 0.50mm)

- Packing Options**
 B = Tape and Reel with Cap (Standard)
 D = Tube (not available in 6, 8 & 10 Contacts)
 E = Tube with Cap (not available in 6, 8 & 10 Contacts)
 G = Plastic Box (only available in 6, 8 & 10 Contacts)
- Insulator Material**
 L = LCP (Insulator H = A, B, L, F)
 N = Nylon 6T (Insulator H = K)

Part Number		Product Description	
BD095		1.27mm Pitch Pin Header, Dual Row, Surface Mount, Vertical	
Drawing Date		28th December 2007	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BD095 1 PCN	Length X. ± 0.30 XX ± 0.20 XXX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	I4	Angle X° ± 5° XX° ± 2° XXX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	11/01/23		



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 LYH	Sheet No. 1/1
--------------	--------------	---------------