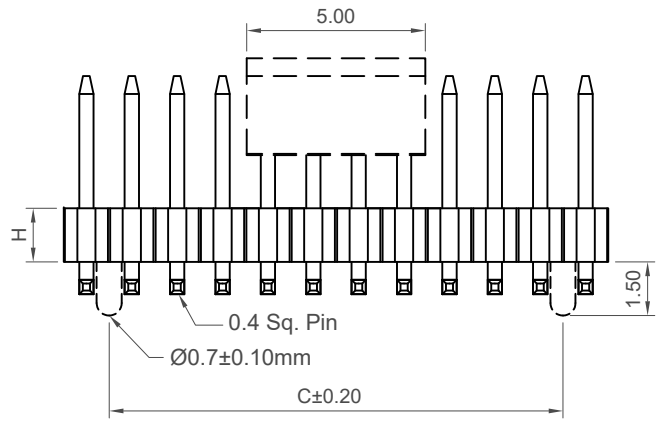
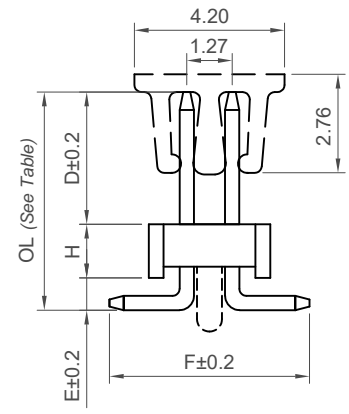


Recommended PCB Layout

▨ 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

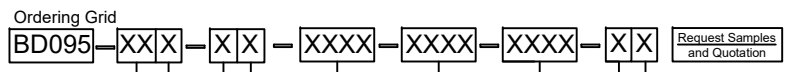
**Soldering Process:**  
 IR Reflow: 260°C for 10 sec.  
 Wave: 250°C for 5-10 sec  
 Manual Solder: 350°C for 3-5 sec

**Mechanical & Environmental**  
 Operating Temperature: -40°C to +105°C

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

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

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)

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
--------------	--------------	---------------