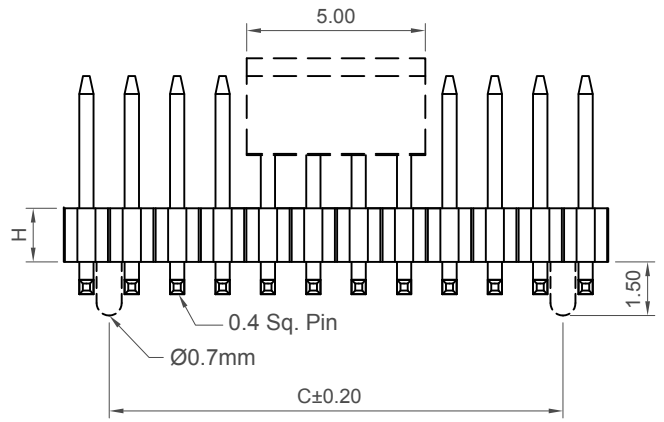
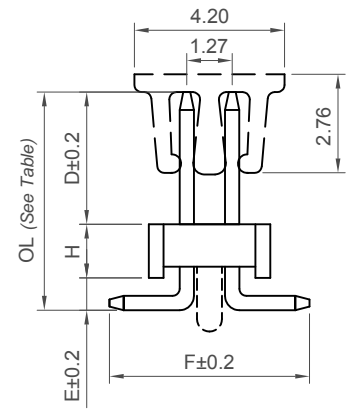


Recommended PCB Layout

▨ Solder Area



Specifications

Material
 Insulator Material: Polymer, LCP, UL 94V-0
 Contact Terminal: Copper Alloy

Plating
 See Ordering Grid

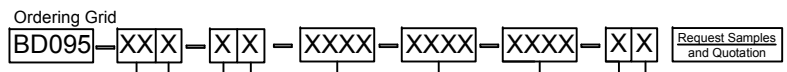
Electrical
 Current Rating: 1A per pin
 Contact Resistance: 20 mΩ max.
 Insulating Resistance: 1000 MΩ min.
 Dielectric Withstand Voltage: 300V AC

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

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)

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

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	Angle X° ± 5° XX° ± 2° XXX° ± 1° X.XXX° ± 0.5°
Revision	13		Metric (mm)
Date	07/09/17		3rd Angle Projection



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