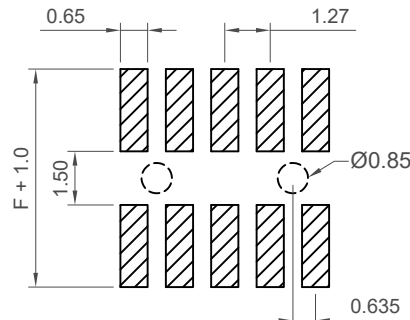
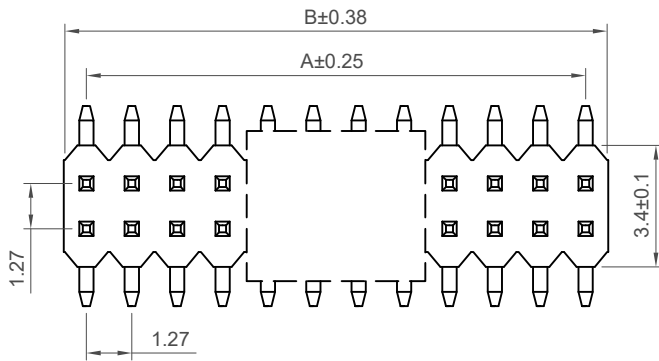
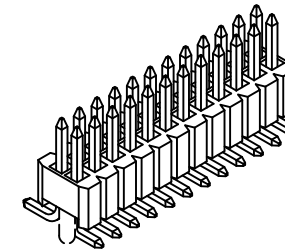
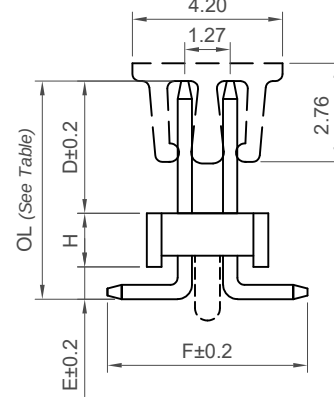




Recommended PCB Layout

■ 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

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

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

Ordering Grid

BD095	XX	X	-	XXXX	XXXX	XXXX	X	X	Request Samples and Quotation
-------	----	---	---	------	------	------	---	---	-------------------------------

No. of Contacts
06 to 66

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

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)

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
e.g. 2.50mm = 0250
(Minimum 0050 = 0.50mm)

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

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

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