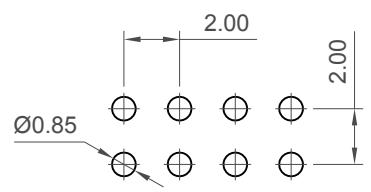
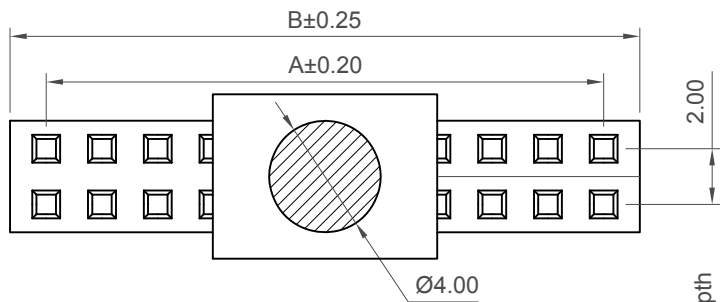
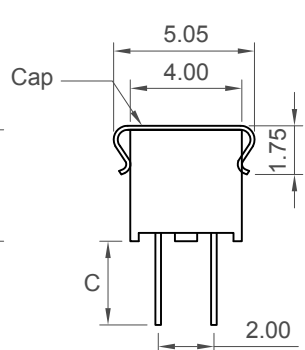
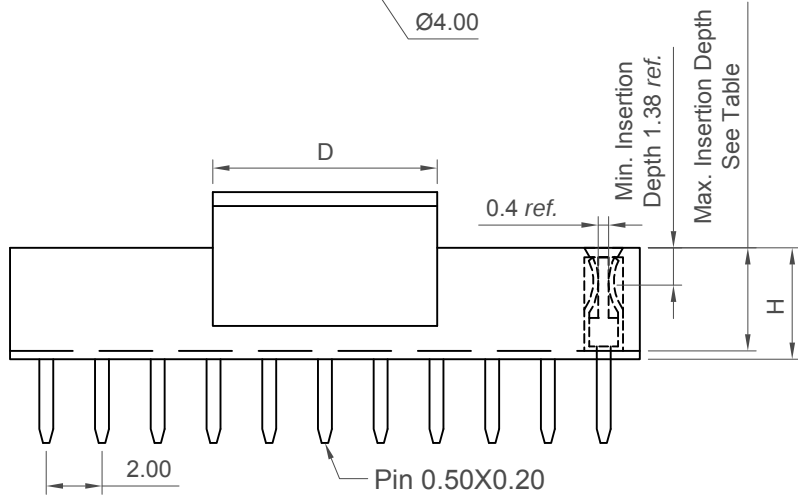
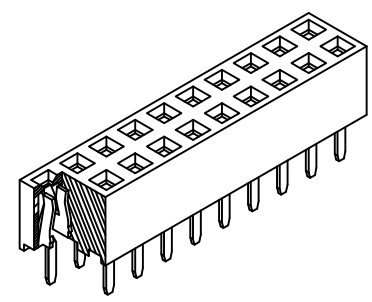


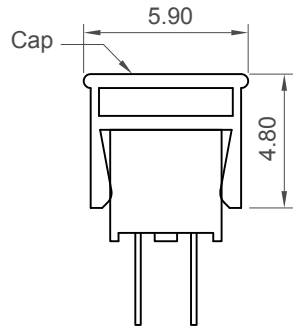
H
G
F
E
D
C
B
A



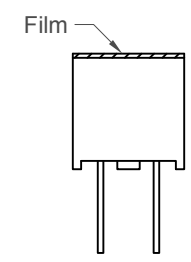
Recommended PCB Layout



Insulator Height H=4.00mm



Insulator Height H=4.30mm



Insulator Height H=4.30&4.00mm

Specifications

Material

Insulator:
Standard: Polyamide, Nylon 6T, UL 94V-0
Options: Polymer, LCP, UL 94V-0
Contact: Phosphor Bronze

Plating

See Ordering Grid

Electrical

Current Rating: 2 Amp per pin
Contact Resistance: 20 mΩ max.
Insulation Resistance: 1000 MΩ min.
Dielectric Withstand Voltage: 500 V AC

Mechanical & Environmental

Operating Temperature: -40°C to +105°C

Insulator Height H	No. of Contacts	Dimension D	Max. Insertion Depth
4.30	04 ~ 10	4	4.00
	12 ~ 80	8.05	
4.00	04 ~ 80	5	3.70

Soldering process:

Nylon 6T (Standard)-
IR Reflow: 260°C for 10 sec.
Wave: 230°C for 5-10 sec.
Manual solder: 350°C for 3-5 sec
LCP (Option)-
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):

BF030 BF045 BF050 BF055
BF060 BF135 BF140 BF145

Ordering Grid

BF095-XX-X-X-XXXX-X-X

No. of Contacts
04 to 80

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')
D = 4.30mm (Standard)
C = 4.00mm

Request Samples
and Quotation

Packing Options

D = Tube (Standard)
C = Tape & Reel with Film
E = Tube with Cap
F = Tube with Film
G = Plastic Box

Insulator Material

N = Nylon 6T (Standard)
L = LCP

Dimension C (1/100mm) (Tail Length)

'H' = 4.00mm: 0280 ≈ 2.80mm (Standard)
'H' = 4.30mm: 0240 ≈ 2.40mm (Standard)
Or specify Dimension C
e.g. 2.50mm = 0250
TOL +/- 0.2mm

No. of Contacts	Dimensions	
	A	B
4	2.0	4.6
6	4.0	6.6
8	6.0	8.6
10	8.0	10.6
12	10.0	12.6
14	12.0	14.6
16	14.0	16.6
18	16.0	18.6
20	18.0	20.6
22	20.0	22.6
24	22.0	24.6
26	24.0	26.6
28	26.0	28.6
30	28.0	30.6
32	30.0	32.6
34	32.0	34.6
36	34.0	36.6
38	36.0	38.6
40	38.0	40.6
42	40.0	42.6
44	42.0	44.6
46	44.0	46.6
48	46.0	48.6
50	48.0	50.6
52	50.0	52.6
54	52.0	54.6
56	54.0	56.6
58	56.0	58.6
60	58.0	60.6
62	60.0	62.6
64	62.0	64.6
66	64.0	66.6
68	66.0	68.6
70	68.0	70.6
72	70.0	72.6
74	72.0	74.6
76	74.0	76.6
78	76.0	78.6
80	78.0	80.6

Part Number		Product Description	
BF095		2.00mm Pitch Socket	
Drawing Date		Dual Row, Through Hole, Vertical	
31st October 2007			
By	CC	Tolerances (Except as Noted)	Units:
Detail	BF095 E PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	E3	Angle X.X° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	21/06/19		



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

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Not to Scale	Drawn By LYH	Sheet No. 1/1
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