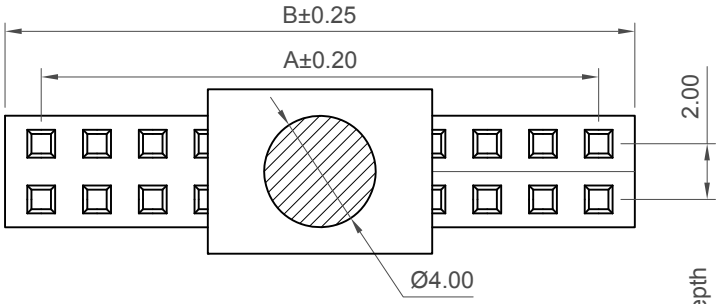
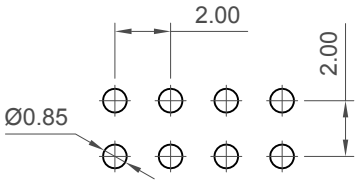
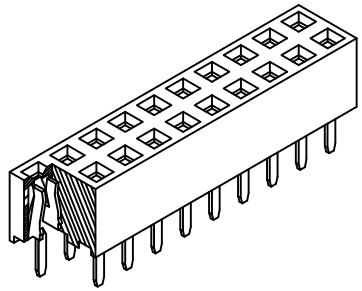
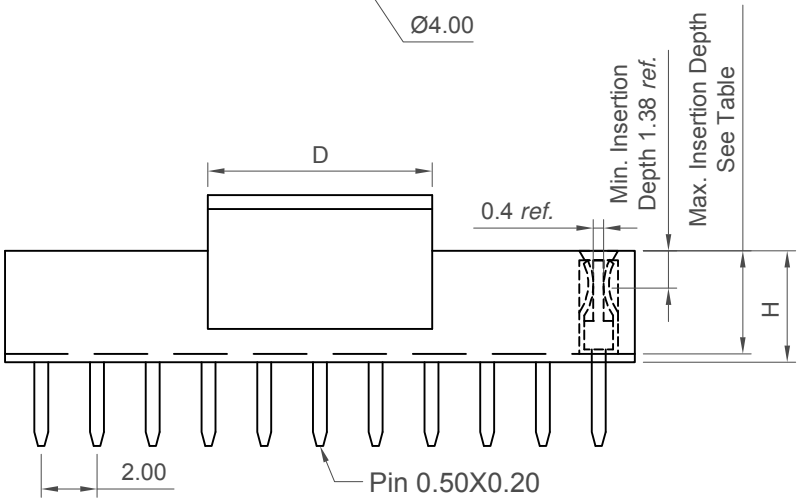
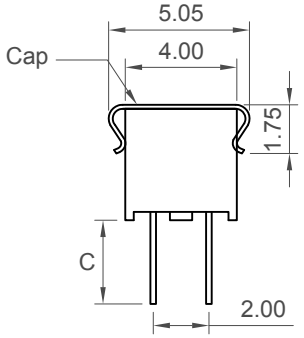




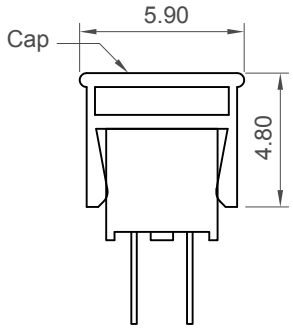
Recommended PCB Layout



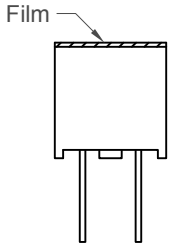




Insulator Height H=4.00mm



Insulator Height H=4.30mm



Insulator Height H=4.30&4.00mm

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

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

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

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 (Request Samples and Quotation)

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

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

Insulator Material
N = Nylon 6T *(Standard)*
L = LCP

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

Part Number	Product Description
BF095	2.00mm Pitch Socket Dual Row, Through Hole, Vertical
Drawing Date: 31st October 2007	

By	CC
Detail	BF095 E PCN
Revision	E3
Date	21/06/19

Tolerances (Except as Noted): 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°

Units: Metric (mm) — 3rd Angle Projection

RoHS COMPLIANT 2011/65/EU Deca-BDE

GCT www.gct.co

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