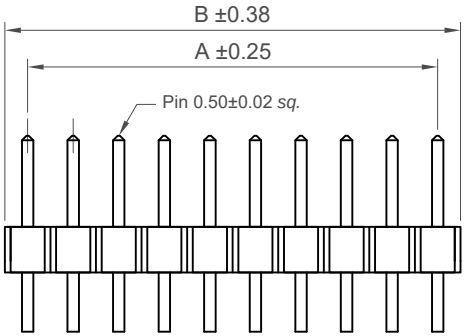
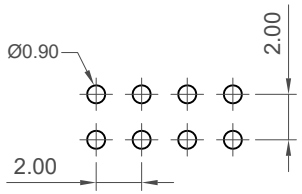
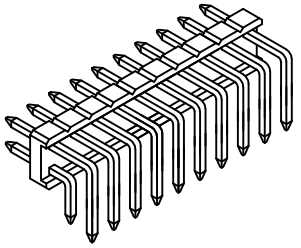
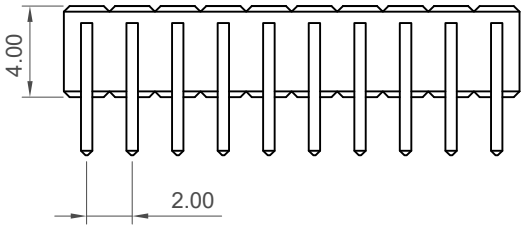
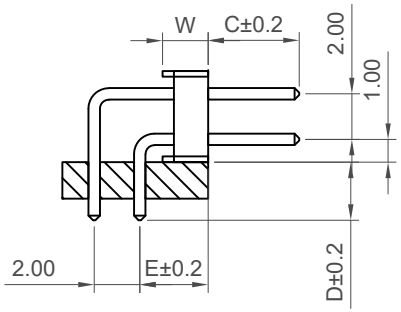




Recommended PCB Layout







Specifications

Material
Contact: Copper Alloy
Insulator:
Standard: Polyamide, Nylon 6T, UL 94-V0
Options:Polymer, LCP, UL 94-V0
Options:Polyester, PBT, UL 94-V0

Plating
See Ordering Grid

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

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
PBT(Option) -
Manual Solder: 330°C for 3-5 sec
(Not Suitable for High Temperature Process)

Mates with(Subject to pin length)
BF065 BF080 BF095 BF100
BF115 BF120 BF185
Perfect Planar Mating with
BF110 BF112

No. of Contacts	Dimensions	
	A	B
4	2.0	4.0
6	4.0	6.0
8	6.0	8.0
10	8.0	10.0
12	10.0	12.0
14	12.0	14.0
16	14.0	16.0
18	16.0	18.0
20	18.0	20.0
22	20.0	22.0
24	22.0	24.0
26	24.0	26.0
28	26.0	28.0
30	28.0	30.0
32	30.0	32.0
34	32.0	34.0
36	34.0	36.0
38	36.0	38.0
40	38.0	40.0
42	40.0	42.0
44	42.0	44.0
46	44.0	46.0
48	46.0	48.0
50	48.0	50.0
52	50.0	52.0
54	52.0	54.0
56	54.0	56.0
58	56.0	58.0
60	58.0	60.0
62	60.0	62.0
64	62.0	64.0
66	64.0	66.0
68	66.0	68.0
70	68.0	70.0
72	70.0	72.0
74	72.0	74.0
76	74.0	76.0
78	76.0	78.0
80	78.0	80.0

Ordering Grid

BF060 – XX X – X – XXXX – XXXX – 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

Dimension W *(1/100mm) (Insulator Width)*
B = 2.00mm *(Standard)*
A = 1.5mm

Dimension C *(1/100mm) (Post Length)*
0400 = 4.00mm *(Standard)*
Or specify Custom Post Length
eg 0250 = 2.50mm
(Maximum 1000 = 10.00mm)
(Minimum 0100 = 1.00mm)

Dimension D *(1/100mm) (Tail Length)*
0280 = 2.80mm *(Standard)*
Or specify CustomTail Length
eg 0250 = 2.50mm
(Maximum 0600 = 6.00mm)
(Minimum 0100 = 1.00mm)

Dimension E *(1/100mm)*
(Centre of Pin to Top of Insulator)
0305 = 3.05mm *(Standard)*
(Minimum 0175= 1.75mm for Insulator width 1.5mm)
(Minimum 0225= 2.25mm for Insulator width 2.0mm)
Or specify Custom Stack Heigth
eg 0250 = 2.50mm
(Maximum 0600 = 6.00mm)

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

Packing Options
G = Plastic Box *(Standard)*
B = Tape & Reel with Cap *(08 to 80 contacts)*
C = Tape & Reel with Film
D = Tube *(08 to 80 contacts)*
E = Tube with Cap *(08 to 80 contacts)*

Part Number		Product Description						
BF060		2.00mm Pitch Pin Header,Dual Row, Through Hole,Horizontal						
Drawing Date								
31st October 2007								
By	CC	Tolerances (Except as Noted)		Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	©	GCT www.gct.co	
Detail	BF060 F PCN	Length	Angle					
		X. ± 0.30	X.° ± 5°					
		X.X ± 0.20	X.X° ± 2°					
Revision	F4	X.XX ± 0.15	X.XX° ± 1°	3rd Angle Projection				
Date	11/08/22	X.XXX ± 0.10	X.XXX° ± 0.5°					

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