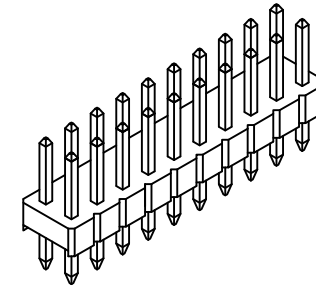
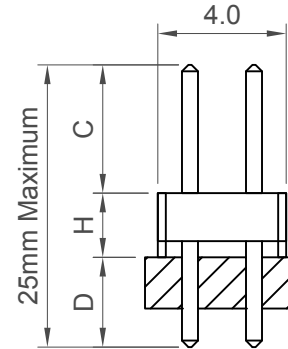
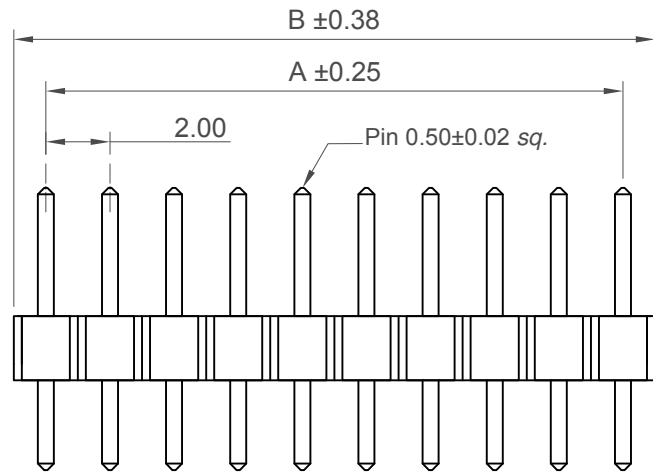


Recommended PCB Layout



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



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

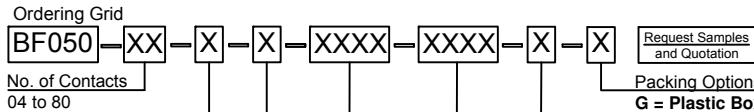
Electrical
 Current Rating: 2 Amp Per Pin
 Insulation Resistance: 1000 MΩ min
 Contact Resistance: 20 mΩ max.
 Dielectric Withstand Voltage: AC 500 V

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 BF075 BF080 BF095
 BF100 BF105 BF110 BF112
 BF115 BF120 BF185

BF095 Recommended mating length 2.00mm
 BF120 Recommended mating length 2.00mm



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 H (1/100mm) (Insulator Height)
B = 2.00mm (Standard)
 A = 1.5mm

Packing Options
G = Plastic Box (Standard)
 B = Tape and Reel with Cap
 D = Tube
 E = Tube with Cap

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

Dimension D (1/100mm) (Tail Length)
0300 = 3.00mm (Standard)
 Or specify Custom Tail Length
 eg 0250 = 2.50mm
 (Maximum 1500 = 15.00mm)
 (Minimum 0050 = 0.50mm)

Dimension C (1/100mm) (Post Length)
0200 = 2.00mm (Standard)
0400 = 4.00mm (Standard)
0600 = 6.00mm (Standard)
 Or specify Custom Post Length
 eg 0250 = 2.50mm
 (Maximum 1500 = 15.00mm)
 (Minimum 0050 = 0.50mm)

Part Number		Product Description	
BF050		2.00mm Pitch Pin Header, Dual Row, Through Hole, Vertical	
Drawing Date		31st October 2007	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BF050 F PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	F2	Angle X.° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	11/09/17		



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