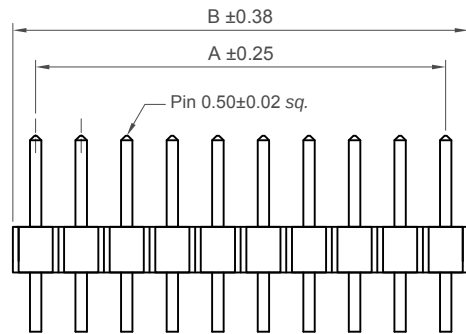
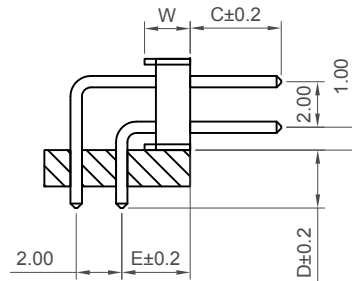
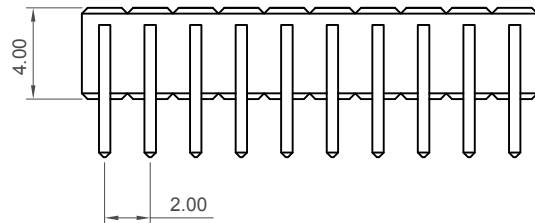


Recommended PCB Layout



Ordering Grid

BF060-XX-X-XXXX-XXXX-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

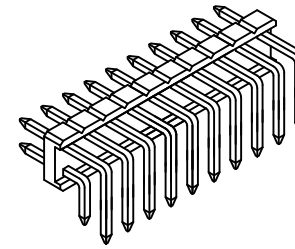
Dimension W (1/100mm) (Insulator Width)
B = 2.00mm (Standard)
A = 1.5mm

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 Custom Tail Length
eg 0250 = 2.50mm
(Maximum 0600 = 6.00mm)
(Minimum 0100 = 1.00mm)

Packing Options
G = Plastic Box (Standard)
D = Tube
E = Tube with Cap
Insulator Material
N = Nylon 6T (Standard)
L = LCP
P = PBT

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 Height
eg 0250 = 2.50mm
(Maximum 0600 = 6.00mm)



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

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)
Detail	BF060 F 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°
Revision	F3		
Date	28/09/17		



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GCT

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