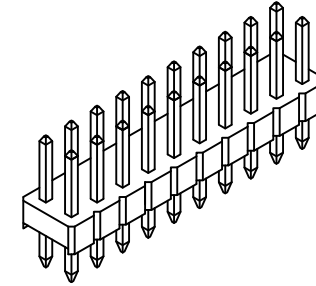


Recommended PCB Layout



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

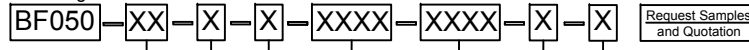
BF100 BF105 BF110 BF112

BF115 BF120 BF185

BF095 Recommended mating length 2.00mm

BF120 Recommended mating length 2.00mm

Ordering Grid



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 H (1/100mm) (Insulator Height)

B = 2.00mm (Standard)

A = 1.5mm

Request Samples and Quotation

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		



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