

Recommended PCB Layout

Solder Area

Contacts	Dimensions	
	A	B
4	2.0	4.20
6	4.0	6.20
8	6.0	8.20
10	8.0	10.20
12	10.0	12.20
14	12.0	14.20
16	14.0	16.20
18	16.0	18.20
20	18.0	20.20
22	20.0	22.20
24	22.0	24.20
26	24.0	26.20
28	26.0	28.20
30	28.0	30.20
32	30.0	32.20
34	32.0	34.20
36	34.0	36.20
38	36.0	38.20
40	38.0	40.20
42	40.0	42.20
44	42.0	44.20
46	44.0	46.20
48	46.0	48.20
50	48.0	50.20

Specifications

Material

Contact : Copper Alloy

Insulator :

Standard: Polyamide, Nylon 6T, UL 94V-0
Options: Polymer, LCP, UL 94V-0

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

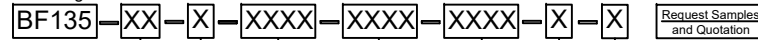
Mates with (Subject to pin length):

BF065 BF080 BF095 BF100
BF115 BF120 BF185

Perfect Planar Mating with

BF110 BF112

Ordering Grid



No. of Contacts
04 to 50

Packing Options
B = Tape and Reel with Cap (Standard)
C = Tape and Reel with Film
D = Tube
E = Tube with Cap

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 Material

N = Nylon 6T (Standard)
L = LCP
Dimension E (1/100mm)
(Pin Curve to End of Pin)
0400 = 4.00mm (Standard-Maximum)
Or specify Dimension E
eg 0250 = 2.50mm (Minimum)
(Dimension E should be
equivalent to dim D minus 3.00mm)

Dimension C (1/100mm) (Post Length)

0400 = 4.00mm (Standard)
Or specify Dimension C
eg 0250 = 2.50mm
(Maximum 1000 = 10.00mm)
(Minimum 0200 = 2.00mm)

Dimension D (1/100mm)

(Insulator to End of Pin)
0700 = 7.00mm (Standard-Maximum)
Or specify Dimension D
eg 0250 = 2.50mm
(Minimum 0550 = 5.50mm)

Part Number		Product Description	
BF135		2.00mm Pitch Pin Header, Dual Row, Surface Mount, Horizontal	
Drawing Date		31st October 2007	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BF135 F PCN	X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	F5	X.° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	28/04/23		



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

H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8