

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

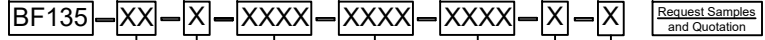
Soldering Process:

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

Request Samples and Quotation

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

Packing Options

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

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 0300 = 3.00mm)

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	Length X. ± 0.30 XX ± 0.20 XXX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	F4	Angle X° ± 5° XX° ± 2° XXX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	11/01/23		



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



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