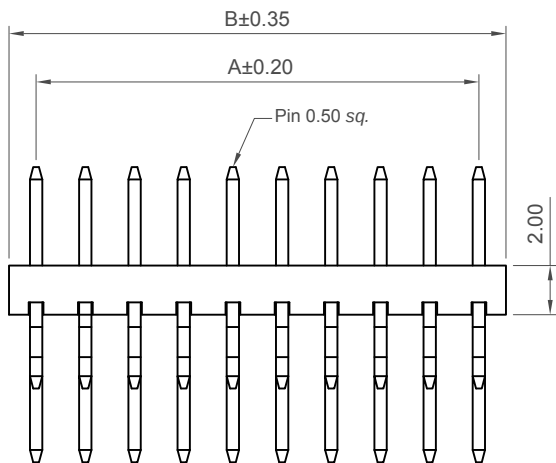
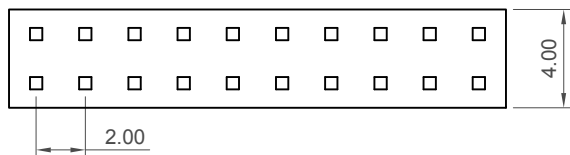


Recommended PCB Layout

■ Solder Area

Contacts	Dimensions	
	A	B
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

BF135-XX-X-XXXX-XXXX-XXXX-X-X

No. of Contacts
06 to 50

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 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)

Request Samples
and Quotation

Packing Options

B = Tape and Reel with Cap (Standard)

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)

Part Number		Product Description		 www.gct.co											
BF135		2.00mm Pitch Pin Header, Dual Row,													
Drawing Date		Surface Mount, Horizontal													
31st October 2007															
By	CC	Tolerances (Except as Noted) <table><tr><th>Length</th><th>Angle</th></tr><tr><td>X. ± 0.30</td><td>X.° ± 5°</td></tr><tr><td>X.X ± 0.20</td><td>X.X° ± 2°</td></tr><tr><td>X.XX ± 0.15</td><td>X.XX° ± 1°</td></tr><tr><td>X.XXX ± 0.10</td><td>X.XXX° ± 0.5°</td></tr></table>	Length	Angle	X. ± 0.30	X.° ± 5°	X.X ± 0.20	X.X° ± 2°	X.XX ± 0.15	X.XX° ± 1°	X.XXX ± 0.10	X.XXX° ± 0.5°	Units:	 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	
Length	Angle														
X. ± 0.30	X.° ± 5°														
X.X ± 0.20	X.X° ± 2°														
X.XX ± 0.15	X.XX° ± 1°														
X.XXX ± 0.10	X.XXX° ± 0.5°														
Detail	BF135 F PCN	Metric (mm)													
Revision	F3														
Date	28/09/17														
		 3rd Angle Projection													