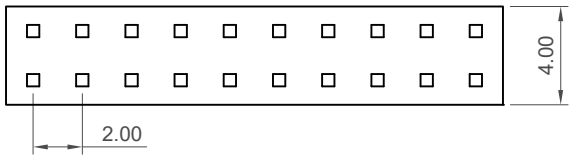

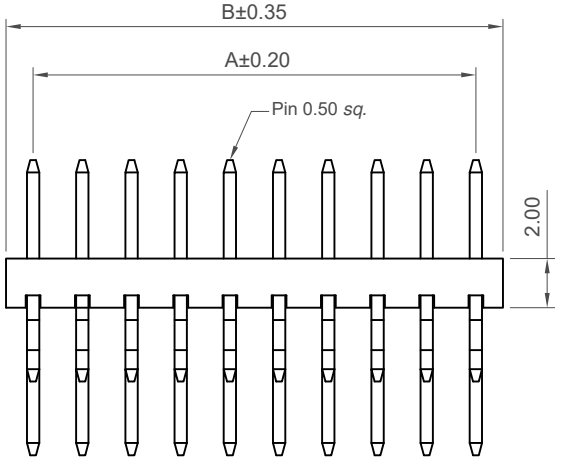

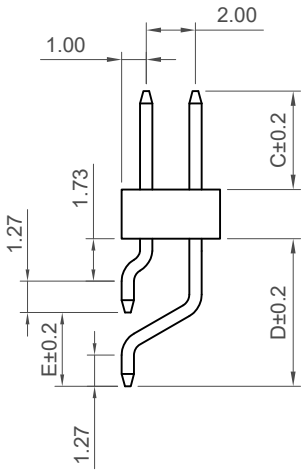

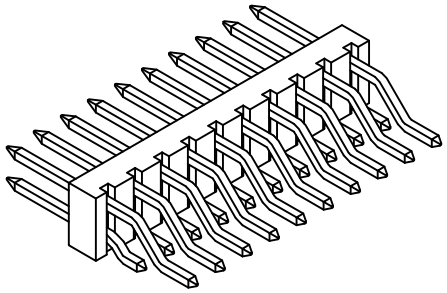

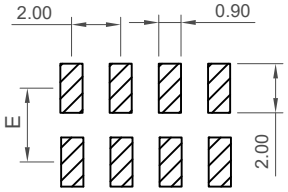

Recommended PCB Layout

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

BF135 – XX – X – XXXX – XXXX – XXXX – X – X (Request Samples and Quotation)

No. of Contacts
04 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 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)

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)

Insulator Material
N = Nylon 6T *(Standard)*
L = LCP

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

Part Number	Product Description
BF135	2.00mm Pitch Pin Header, Dual Row, Surface Mount, Horizontal
Drawing Date	
31st October 2007	

By	CC
Detail	BF135 F PCN
Revision	F5
Date	28/04/23

Tolerances (Except as Noted)
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°

Units: Metric (mm)

3rd Angle Projection

RoHS COMPLIANT 2011/65/EU Deca-BDE

GCT
www.gct.co

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