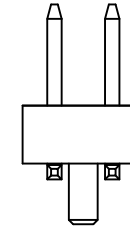
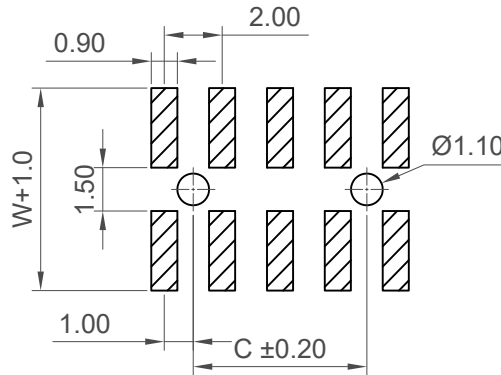
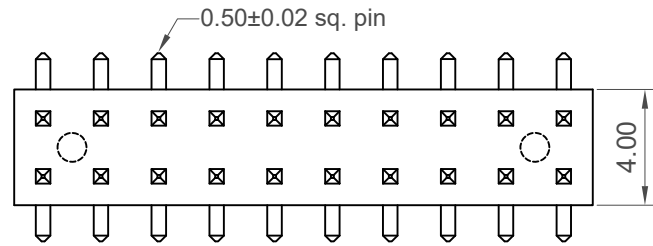
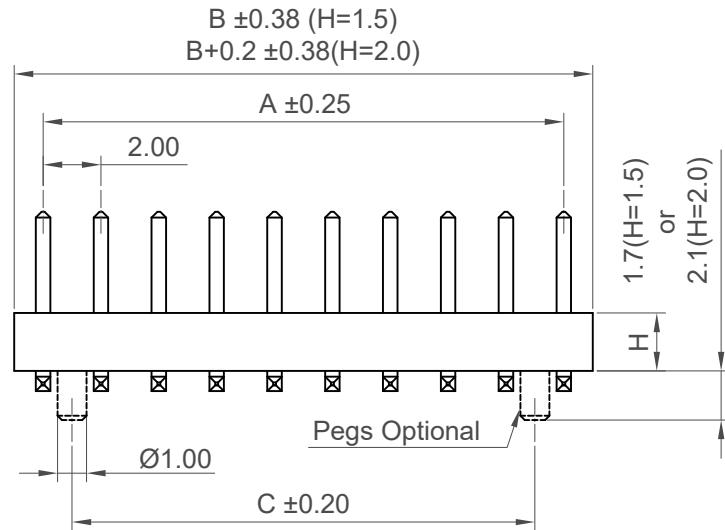
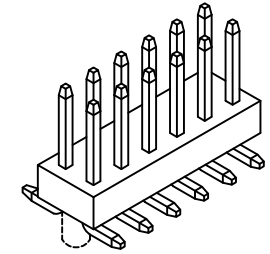


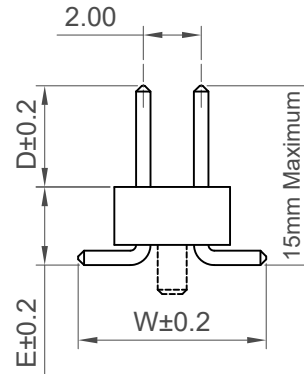
H
G
F
E
D
C
B
A



Single peg for 4 contacts only



Recommended P.C.B Layout
Solder Area



Ordering Grid
BF030 XXX XX XXXX XXXX XXXX XX Request Samples and Quotation

No. of Contacts
04 to 50

Packing Options

B = Tape & Reel with Cap (Standard)

D = Tube

E = Tube with Cap

Insulator Material

L = LCP (Standard)

N = Nylon 6T

Dimension W (1/100mm) (Footprint Width)

0600 = 6.00mm (Standard where 'H' = 2.00mm)

0550 = 5.50mm (Standard where 'H' = 1.50mm)

Or specify custom Footprint Width
eg. 0550 = 5.50mm (Tooling charge may apply)

Dimension E (1/100mm) (PCB to Top of Insulator)

0277 = 2.77mm (Standard where 'H' = 2.00mm)

0220 = 2.20mm (Standard where 'H' = 1.50mm)

Or specify custom Dimension E

eg. 0250 = 2.50mm

(Minimum 0260 = 2.60mm where 'H' = 2.00mm)

(Minimum 0210 = 2.10mm where 'H' = 1.50mm)

Contact Plating
A = Gold Flash All Over (Standard)
B = Selective Gold Flash Contact Area/Tin On Tail
C = Tin All Over
D = 10µ" Gold All Over
G = 10µ" Gold Contact Area/Tin On Tail
I = 30µ" Gold Contact Area/Tin On Tail

Insulator Height 'H'
B = 2.00mm (Standard)

A = 1.50mm

Locating Peg

0 = Without

1 = With

Dimension D (1/100mm) (Post Height)

0200 = 2.00mm (Standard)

0400 = 4.00mm (Standard)

0600 = 6.00mm (Standard)

Or specify custom Post Height

eg. 0250 = 2.50mm

(Maximum 0800 = 8.00mm)

(Minimum 0100 = 1.00mm)

Specifications

Material

Contact: Copper Alloy

Insulator:

Standard: Polymer, LCP, UL 94-V0

Options: Polyamide, Nylon 6T, UL 94-V0

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

LCP (Standard) -

IR Reflow: 260°C for 10 sec.

Manual Solder: 350°C for 3-5 sec

Nylon 6T (Option) -

IR Reflow: 260°C for 10 sec.

Manual Solder: 350°C for 3-5 sec

Mates with (Subject to pin length)

BF065 BF075 BF080 BF095

BF100 BF105 BF110 BF112

BF115 BF120 BF185

Number of Contacts	Dimensions		
	A	B	C
4	2.0	4.0	N/A
6	4.0	6.0	2.0
8	6.0	8.0	4.0
10	8.0	10.0	6.0
12	10.0	12.0	8.0
14	12.0	14.0	10.0
16	14.0	16.0	12.0
18	16.0	18.0	14.0
20	18.0	20.0	16.0
22	20.0	22.0	18.0
24	22.0	24.0	20.0
26	24.0	26.0	22.0
28	26.0	28.0	24.0
30	28.0	30.0	26.0
32	30.0	32.0	28.0
34	32.0	34.0	30.0
36	34.0	36.0	32.0
38	36.0	38.0	34.0
40	38.0	40.0	36.0
42	40.0	42.0	38.0
44	42.0	44.0	40.0
46	44.0	46.0	42.0
48	46.0	48.0	44.0
50	48.0	50.0	46.0

Part Number		Product Description	
BF030		2.0mm Pitch Pin Header, Dual Row, Surface Mount	
Drawing Date		26th October 2007	
By	CC	Tolerances (Except as Noted)	
Detail	BF030 D PCN	Length X.X ± 0.20	Angle X.X° ± 5°
Revision	D7	X.XX ± 0.15	X.XX° ± 2°
Date	27/04/22	X.XXX ± 0.10	X.XXX° ± 1°
		Units: Metric (mm)	
		3rd Angle Projection	
		RoHS COMPLIANT 2011/65/EU	
		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	

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