

**Recommended PCB Layout**

**Specifications**

**Material**

Contact : Phosphor Bronze  
Insulator : Polymer , LCP, UL 94-V0

**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: -55°C to +105°C

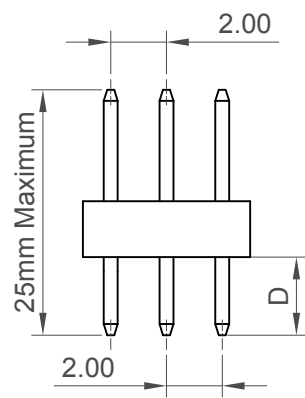
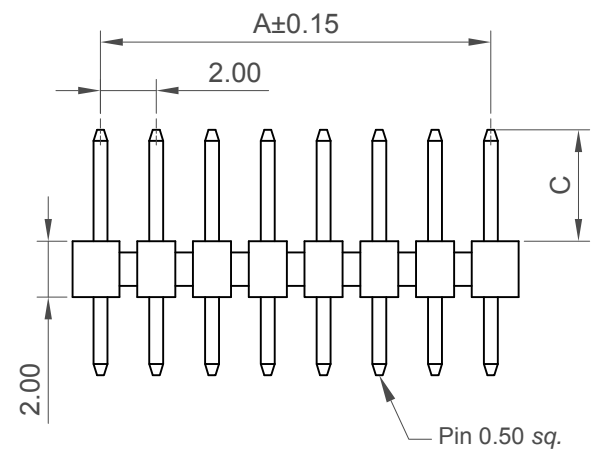
**Soldering Process:**

LCP (Standard) -  
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)**

BF155 BF160

No. of Contacts	Dimensions	
	A	B
6	2.00	4.00
9	4.00	6.00
12	6.00	8.00
15	8.00	10.00
18	10.00	12.00
21	12.00	14.00
24	14.00	16.00
27	16.00	18.00
30	18.00	20.00
33	20.00	22.00
36	22.00	24.00
39	24.00	26.00
42	26.00	28.00
45	28.00	30.00
48	30.00	32.00
51	32.00	34.00
54	34.00	36.00
57	36.00	38.00
60	38.00	40.00
63	40.00	42.00
66	42.00	44.00
69	44.00	46.00
72	46.00	48.00
75	48.00	50.00
78	50.00	52.00
81	52.00	54.00
84	54.00	56.00
87	56.00	58.00
90	58.00	60.00
93	60.00	62.00
96	62.00	64.00
99	64.00	66.00
102	66.00	68.00
105	68.00	70.00
108	70.00	72.00
111	72.00	74.00
114	74.00	76.00
117	76.00	78.00
120	78.00	80.00



**Ordering Grid**

BF150 - XXX - X - XXXX - XXXX - L - X

**No. of Contacts**  
06 to 120

**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 Height)**  
0400 = 4.00mm (Standard)  
Or specify Custom Post Length  
eg 0250 = 2.50mm  
(Maximum 1500 = 15.00mm)  
(Minimum 0050 = 0.50mm)

**Packing Options**  
G = Plastic Box (Standard)  
D = Tube  
E = Tube with Cap

**Insulator Material**  
L = LCP (Standard)

**Dimension D (1/100mm) (Tail Length)**  
0280 = 2.80mm (Standard)  
Or specify Custom Tail Length  
eg 0250 = 2.50mm  
(Maximum 1500 = 15.00mm)  
(Minimum 0050 = 0.50mm)

**Request Samples and Quotation**

Part Number		Product Description	
BF150		2.00mm Pitch Pin Header, Triple Row, Through Hole, Vertical	
Drawing Date		8th April 2007	
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Angle X° ± 5° X.X° ± 3° X.XX° ± 1° X.XXX° ± 0.5°
Revision	A1	Metric (mm)	
Date	11/09/17		

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Not to Scale | Drawn By RD | Sheet No. 1/1