

Number of Contacts	Dimensions		
	A	B	C
8	2.00	4.00	4.30
12	4.00	6.00	6.30
16	6.00	8.00	8.30
20	8.00	10.00	10.30
24	10.00	12.00	12.30
28	12.00	14.00	14.30
32	14.00	16.00	16.30
36	16.00	18.00	18.30
40	18.00	20.00	20.30
44	20.00	22.00	22.30
48	22.00	24.00	24.30
52	24.00	26.00	26.30
56	26.00	28.00	28.30
60	28.00	30.00	30.30
64	30.00	32.00	32.30
68	32.00	34.00	34.30
72	34.00	36.00	36.30
76	36.00	38.00	38.30
80	38.00	40.00	40.30
84	40.00	42.00	42.30
88	42.00	44.00	44.30
92	44.00	46.00	46.30
96	46.00	48.00	48.30
100	48.00	50.00	50.30
104	50.00	52.00	52.30
108	52.00	54.00	54.30
112	54.00	56.00	56.30
116	56.00	58.00	58.30
120	58.00	60.00	60.30
124	60.00	62.00	62.30
128	62.00	64.00	64.30
132	64.00	66.00	66.30
136	66.00	68.00	68.30
140	68.00	70.00	70.30
144	70.00	72.00	72.30
148	72.00	74.00	74.30
152	74.00	76.00	76.30
156	76.00	78.00	78.30
160	78.00	80.00	80.30

**Specifications**

**Material**  
 Contact: Phosphor Bronze  
 Insulator:  
 Standard: Polyamide, Nylon 6T, UL 94V-0  
 Options: Polymer, LCP, UL 94V-0

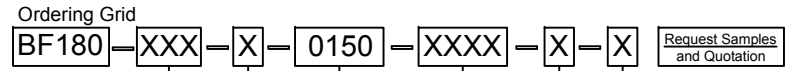
**Plating**  
 See Ordering Grid

**Electrical**  
 Current Rating: 3 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):  
 BF175



**No. of Contacts**  
 08 to 160

**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 E (1/100mm)**  
 (Stacking Height)  
**1970=19.70mm (Standard)**  
 Or specify Dimension E  
 e.g. 1250 = 12.50mm  
 TOL.: ±0.2mm

**Tail Length (1/100mm)**  
 0150 = 1.50mm

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

**Packing**  
**D = Tube (Standard)**  
 F = Tube with Film  
 G = Plastic Box

**Request Samples and Quotation**

Part Number		Product Description	
BF180		2.00mm Pitch Elevated Socket, Quad Row, Through Hole, Vertical	
Drawing Date		8th April 2007	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BF180 B PCN	Length X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	B1	Angle X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	3rd Angle Projection
Date	13/11/17		



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