

Recommended PCB Layout  
General Tolerance ±0.05

Number of Contacts	Dimensions	
	A	B
4	2.0	4.3
6	4.0	6.3
8	6.0	8.3
10	8.0	10.3
12	10.0	12.3
14	12.0	14.3
16	14.0	16.3
18	16.0	18.3
20	18.0	20.3
22	20.0	22.3
24	22.0	24.3
26	24.0	26.3
28	26.0	28.3
30	28.0	30.3
32	30.0	32.3
34	32.0	34.3
36	34.0	36.3
38	36.0	38.3
40	38.0	40.3
42	40.0	42.3
44	42.0	44.3
46	44.0	46.3
48	46.0	48.3
50	48.0	50.3
52	50.0	52.3
54	52.0	54.3
56	54.0	56.3
58	56.0	58.3
60	58.0	60.3
62	60.0	62.3
64	62.0	64.3
66	64.0	66.3
68	66.0	68.3
70	68.0	70.3
72	70.0	72.3
74	72.0	74.3
76	74.0	76.3
78	76.0	78.3
80	78.0	80.3

**Specifications**

**Material**

Contact: Phosphor Bronze  
Insulator: Polymer, LCP, 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

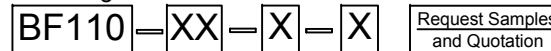
**Soldering Process:**

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)**

BF030 BF045 BF050 BF055  
BF140 BF145  
Perfect Planar Mating with  
BF060 BF135

**Ordering Grid**



No. of Contacts  
04 to 80

**Packing Options**

D = Tube (6-80 Contacts)  
G = Box (4 Contacts)

**Contact Plating**

**A = Gold Flash All Over (Standard)**  
B = Selective Gold Flash Contact Area/Tin On Tail  
C = Tin All Over

Part Number		Product Description	
BF110		2.00mm Pitch Socket, Dual Row, Through Hole, Horizontal	
Drawing Date		11th August 2011	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BF110 C PCN	Length: X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	C2	Angle: X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	RoHS COMPLIANT 2011/65/EU Deca-SIDE
Date	09/11/17		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



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