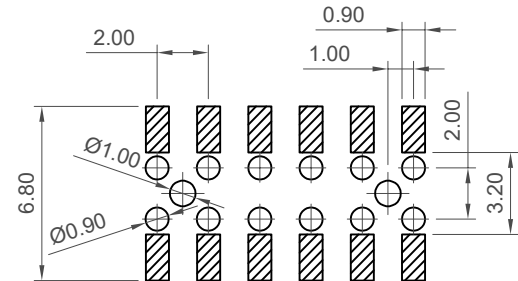
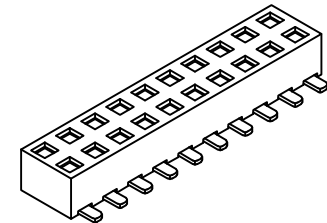
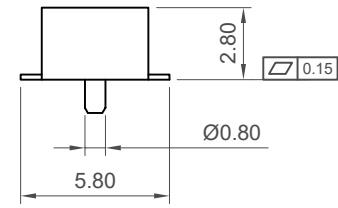
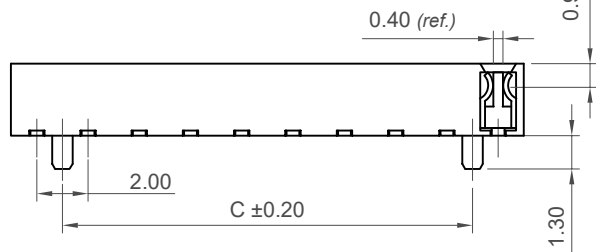


Recommended PCB Layout
 Top Entry General Tolerance: ±0.05
 ▨ Solder Area



Recommended PCB Layout
 Bottom Entry General Tolerance: ±0.05
 ▨ Solder Area



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
52	50.0	52.0	48.0
54	52.0	54.0	50.0
56	54.0	56.0	52.0
58	56.0	58.0	54.0
60	58.0	60.0	56.0
62	60.0	62.0	58.0
64	62.0	64.0	60.0
66	64.0	66.0	62.0
68	66.0	68.0	64.0
70	68.0	70.0	66.0

Specifications

Material
 Insulator :
 Standard: Polyamide , High Temperature Nylon, UL 94V-0
 Option: Polymer, LCP, UL 94V-0
 Contact: Copper Alloy

Plating
 See Ordering Grid

Electrical
 Current Rating: 2 Amp per pin
 Insulation Resistance: 1000 MΩ min.
 Contact Resistance: 20 mΩ max.
 Dielectric Withstand Voltage: 500V AC

Mechanical & Environmental
 Operating Temperature:
 -40°C to +105°C (High Temperature Nylon)
 -40°C to +125°C (LCP)

Soldering Procces:
 (High Temperature Nylon & LCP)
 IR Reflow: 260°C for 10 sec.
 Manual Solder: 350°C for 3-5 sec.

Mates with (Subject to pin length):
 BF030 BF045 BF050 BF055
 BF060 BF135 BF140 BF145

For bottom entry applications, stringent soldering control & pin alignment are required as lead to pad misalignment could cause incorrect mating.

Ordering Grid

BF080 — XX — X — X — X — X — Request Samples and Quotation

No. of Contacts: 04 to 70

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

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

Insulator Material
 N = High Temperature Nylon (Standard)
 L = LCP

Locating Peg
 0 = No Peg
 1 = With Peg

Part Number		Product Description	
BF080		2.00mm Pitch Socket, Dual Row, Surface Mount, Low Profile, Dual Entry	
Drawing Date		31st October 2007	
By	MW	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BF080 E PCN	Length: X. ± 0.30 Angle: X.X ± 0.25	
Revision	E3	X.XX ± 0.15 X.XXX ± 0.10	
Date	06/01/26	X.XX° ± 3° X.XX° ± 2° X.XXX° ± 1°	
Halogen Free		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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