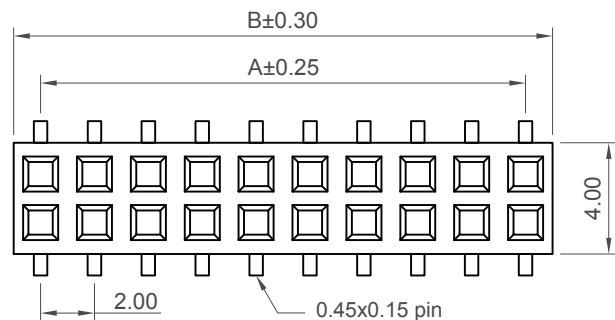
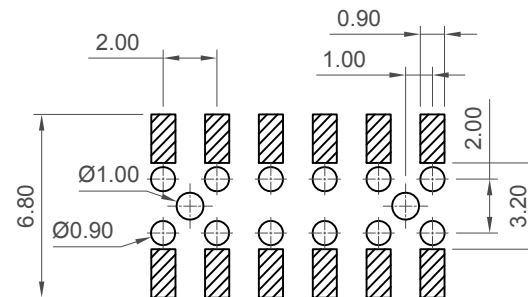


Recommended PCB Layout

Top Entry General Tolerance: ± 0.05

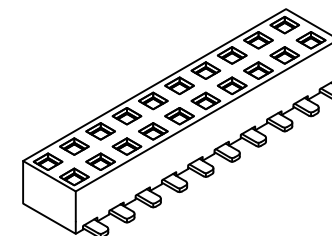
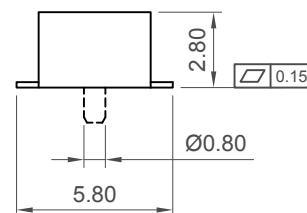
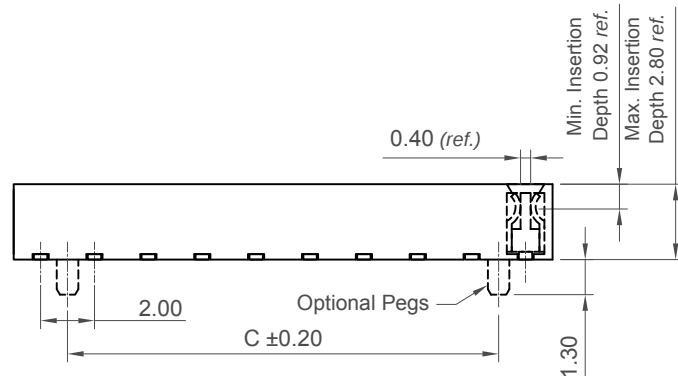
☐ Solder Area



Recommended PCB Layout

Bottom Entry General Tolerance: ± 0.05

☐ Solder Area



Specifications

Material

Insulator:

Standard: Polyamide, Nylon 6T, UL 94V-0
Option: Polyester, LCP, UL 94V-0

Contact: Copper Alloy

Plating

Contact: See Ordering Grid

Electrical

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

Mechanical & Environmental

Operating Temperature: -40°C to +105°C

Soldering Process

Nylon 6T (Standard) -

IR Reflow: 260°C for 10 sec.

Manual Solder: 350°C for 3-5 sec

LCP (Option) -

IR Reflow: 260°C for 10 sec.

Manual Solder: 350°C for 3-5 sec

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 = Nylon 6T (Standard)

L = LCP

Locating Peg

0 = No Peg

1 = With Peg

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.

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

Part Number		Product Description	
BF080		2.00mm Pitch Socket	
Drawing Date		Dual Row, Surface Mount, Low Profile, Dual Entry	
31st October 2007			
By	CC	Tolerances (Except as Noted)	Units:
Detail	BF080 E PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	E2	Angle X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	3rd Angle Projection
Date	17/11/17		



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