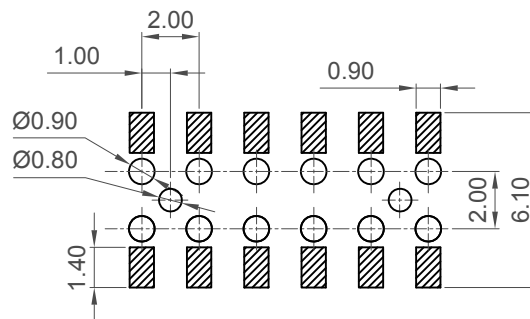
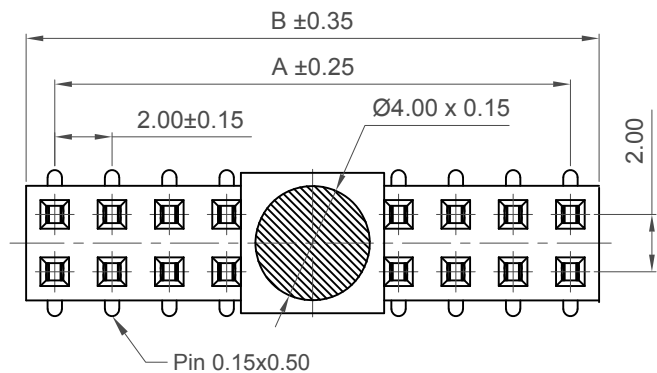
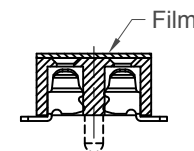
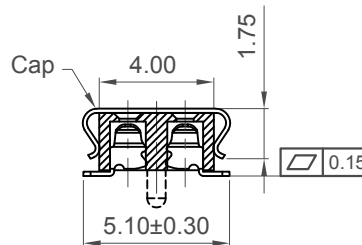
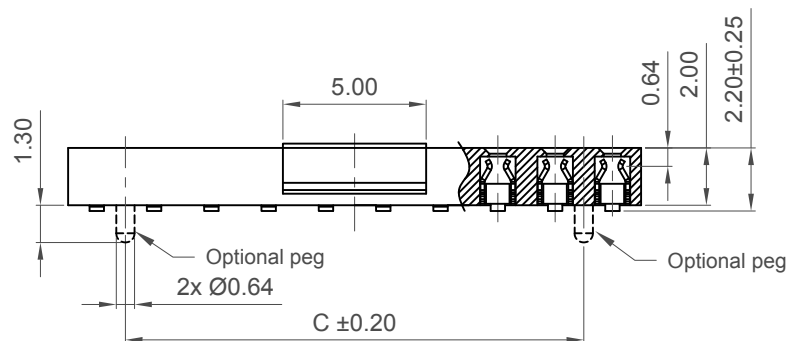
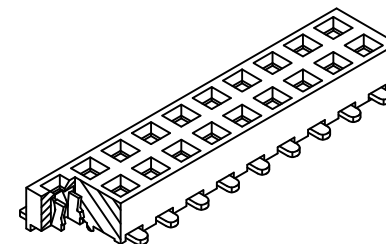


H
G
F
E
D
C
B
A



Recommended PCB Layout

■ Solder Area



Single Peg for 4P Part only

Specifications

Material

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

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:

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):

BF030 BF045 BF050 BF055
BF060 BF135 BF140 BF145

Ordering Grid

BF121-XX-X-X-X-X

No. of Contacts
04 to 80

Contact Plating

A = Gold Flash All Over (Standard)
C = Tin All Over
N = 30u" gold on contact area, gold flash on tail
P = 10u" gold on contact area, gold flash on tail

Locating Peg

0 = No Peg
1 = With Peg

Request Samples
and Quotation

Packing Options

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

Insulator Material

N = Nylon 6T (Standard)
L = LCP

Contacts	Dimensions		
	A	B	C
4	2.0	4.0	/
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
72	70.0	72.0	68.0
74	72.0	74.0	70.0
76	74.0	76.0	72.0
78	76.0	78.0	74.0
80	78.0	80.0	76.0

Part Number		Product Description	
BF121		2.00mm Pitch Socket	
Drawing Date		Dual Row, Surface Mount, Dual Entry	
13th October 2020			
By	CC	Tolerances (Except as Noted)	
Detail	Drawing Release	Length	Angle
		X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°
Revision	A	Units:	
Date	13/10/20	Metric (mm)	
		3rd Angle Projection	
		RoHS COMPLIANT 2011/65/EU	
		Deca-SIDE	
		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	

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