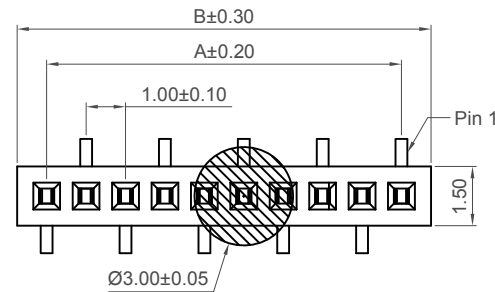
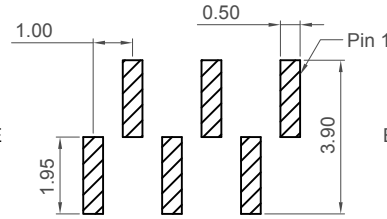


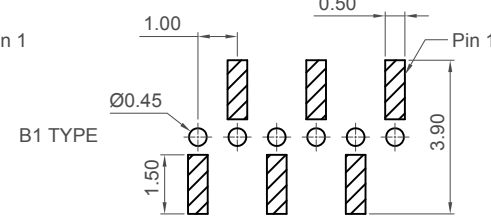
H
G
F
E
D
C
B
A



B1 TYPE

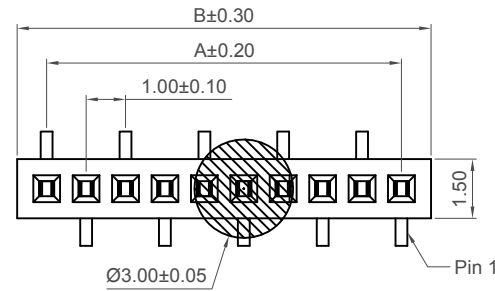
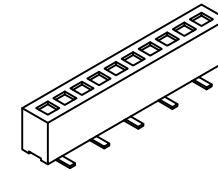


TOP ENTRY LAYOUT

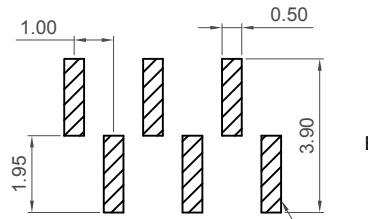


BOTTOM ENTRY LAYOUT

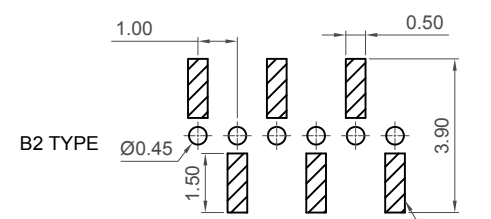
B1 TYPE



B2 TYPE

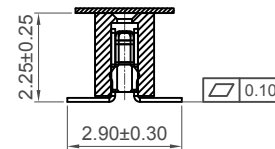
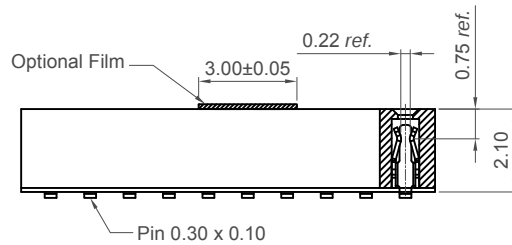
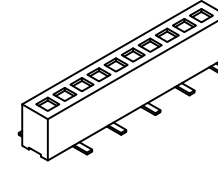


TOP ENTRY LAYOUT



BOTTOM ENTRY LAYOUT

B2 TYPE



Recommended PCB Layout

General Tolerance: ±0.05

▨ Solder Area

Specifications

Material

Contact : Phosphor Bronze

Insulator :

Standard: Polymer, LCP, UL 94-V0

Plating

See Ordering Grid

Electrical

Current Rating : 1 Amp Per Pin

Insulation Resistance: 1000 MΩ min

Contact Resistance: 40 mΩ max.

Dielectric Withstand Voltage: AC 300 V

Mechanical & Environmental

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

Soldering Process:

LCP (Standard) -

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)

BC020 BC025 BC030 BC032

BC034 BC090

Ordering Grid

BC070-XX-X-X-L-X

Request Samples and Quotation

No. of Contacts
02 to 40

Contact Plating

A = Gold Flash All Over (Standard)

C = Tin All Over

Packing Options

C= Tape and Reel with Film (Standard)

D = Tube

F = Tube with Film

Insulator Material

L = LCP (Standard)

Type
1 = B1 Type
2 = B2 Type

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

Part Number		Product Description		
BC070		1.00mm Pitch Socket, Single Row, Surface Mount, Vertical, Dual Entry		
Drawing Date				
20th May 2008				
By	CC	Tolerances (except as Noted)	Units:	  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
Detail	BC070 D PCN	Length X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)	
Revision	D1	Angle X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	3rd Angle Projection	
Date	19/07/17			



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

No. of Contacts	Dimensions	
	A	B
2	1.00	2.50
3	2.00	3.50
4	3.00	4.50
5	4.00	5.50
6	5.00	6.50
7	6.00	7.50
8	7.00	8.50
9	8.00	9.50
10	9.00	10.50
11	10.00	11.50
12	11.00	12.50
13	12.00	13.50
14	13.00	14.50
15	14.00	15.50
16	15.00	16.50
17	16.00	17.50
18	17.00	18.50
19	18.00	19.50
20	19.00	20.50
21	20.00	21.50
22	21.00	22.50
23	22.00	23.50
24	23.00	24.50
25	24.00	25.50
26	25.00	26.50
27	26.00	27.50
28	27.00	28.50
29	28.00	29.50
30	29.00	30.50
31	30.00	31.50
32	31.00	32.50
33	32.00	33.50
34	33.00	34.50
35	34.00	35.50
36	35.00	36.50
37	36.00	37.50
38	37.00	38.50
39	38.00	39.50
40	39.00	40.50

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[GCT:](#)

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