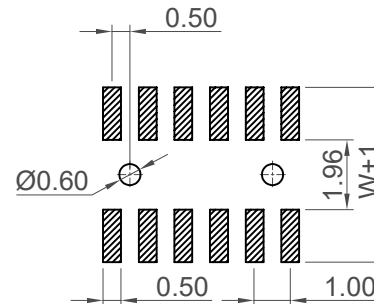
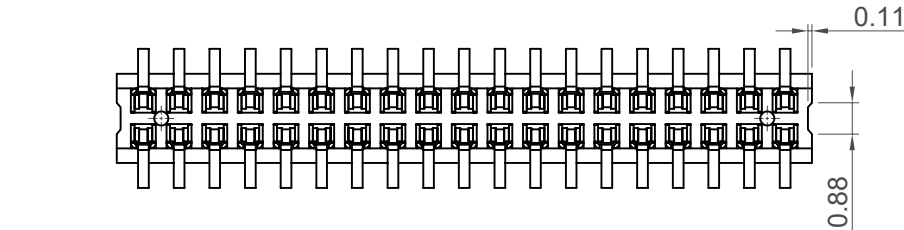
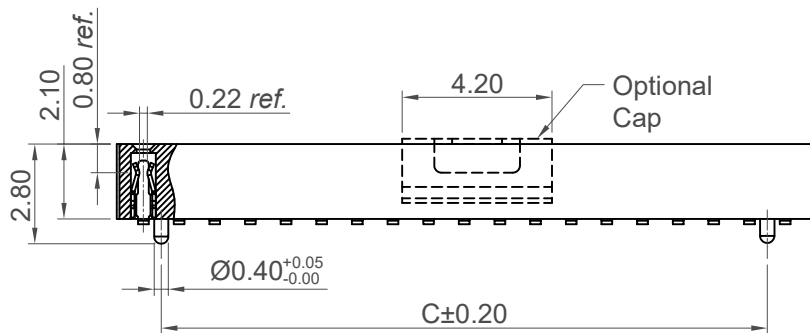
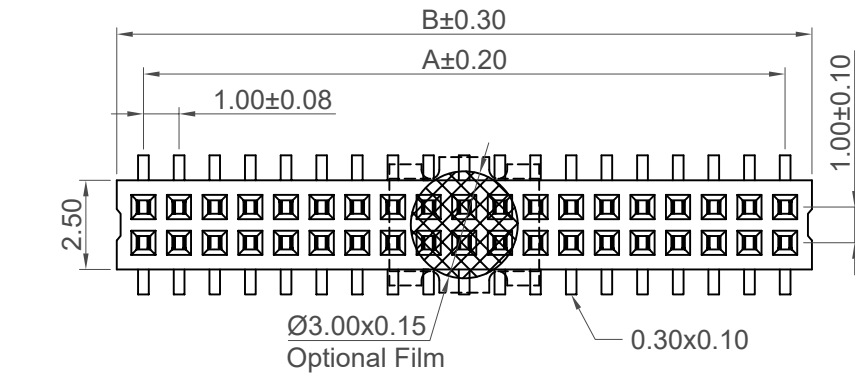
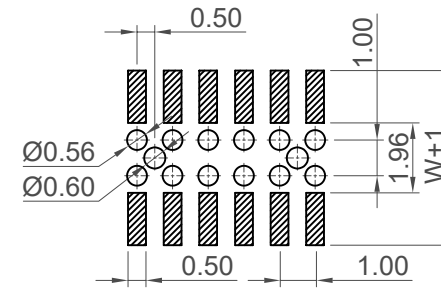
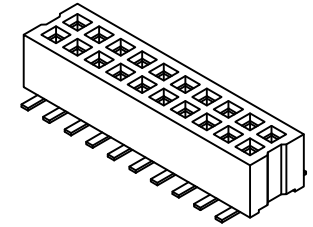




**Recommended PCB Layout
For Top Entry**
General Tolerance: ± 0.05
Solder Area



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



No. of Contacts	Dimensions		
	A	B	C
6	2.00	3.50	1.00
8	3.00	4.50	2.00
10	4.00	5.50	3.00
12	5.00	6.50	4.00
14	6.00	7.50	5.00
16	7.00	8.50	6.00
18	8.00	9.50	7.00
20	9.00	10.50	8.00
22	10.00	11.50	9.00
24	11.00	12.50	10.00
26	12.00	13.50	11.00
28	13.00	14.50	12.00
30	14.00	15.50	13.00
32	15.00	16.50	14.00
34	16.00	17.50	15.00
36	17.00	18.50	16.00
38	18.00	19.50	17.00
40	19.00	20.50	18.00
42	20.00	21.50	19.00
44	21.00	22.50	20.00
46	22.00	23.50	21.00
48	23.00	24.50	22.00
50	24.00	25.50	23.00
52	25.00	26.50	24.00
54	26.00	27.50	25.00
56	27.00	28.50	26.00
58	28.00	29.50	27.00
60	29.00	30.50	28.00
62	30.00	31.50	29.00
64	31.00	32.50	30.00
66	32.00	33.50	31.00
68	33.00	34.50	32.00
70	34.00	35.50	33.00
72	35.00	36.50	34.00
74	36.00	37.50	35.00
76	37.00	38.50	36.00
78	38.00	39.50	37.00
80	39.00	40.50	38.00

Specifications

Material

Insulator: Polymer, LCP, UL94V-0, Black
Contact: Phosphor Bronze

Plating

See ordering grid

Electrical

Current Rating: 1A per pin
Contact Resistance: 20 mΩ max.
Insulating Resistance: 500 MΩ min.
Dielectric Withstand Voltage: 200V AC

Mechanical & Environmental

Operating Temperature: -40°C to $+125^{\circ}\text{C}$
Soldering Process:

IR Reflow: 260°C for 10 sec.
Manual Solder: 350°C for 3-5 sec

Mates with (subject to pin length):

BC035 BC036 BC040 BC045
BC050 BC055 BC057

Ordering Grid

BC084-XX-X-XXXX-L-X

Request Samples
and Quotation

No. of Contacts
06 to 80

Contact Plating

A = Gold Flash All Over (Standard)
C = Tin All Over

Dimension W (1/100mm) (Footprint Width)

0390 = 3.90mm (Standard)

0300 = 3.00mm

Packing Options

B = Tape and Reel with Cap (Standard)

C = Tape and Reel with Film

D = Tube

E = Tube with Cap (Unavailable for 6 contacts)

F = Tube with Film

Insulator Material

L = LCP

Part Number		Product Description		
BC084		1.00mm Pitch Socket, Dual Entry		
Drawing Date		Dual Row, Surface Mount, Vertical		
20th May 2008				
By	KY	Tolerances (Except as Noted)		Units:
		Angle		Metric (mm)
Detail	BC084 B PCN	X. ± 0.30	X.° $\pm 5^{\circ}$	Halogen Free 3rd Angle Projection
		X.X ± 0.25	X.X° $\pm 3^{\circ}$	
Revision	B6	X.XX ± 0.15	X.XX° $\pm 2^{\circ}$	
Date	29/08/25	X.XXX ± 0.10	X.XXX° $\pm 1^{\circ}$	

Halogen
Free

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Not to
Scale

Drawn By
SA

Sheet No.
1/1