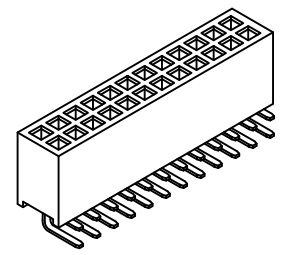
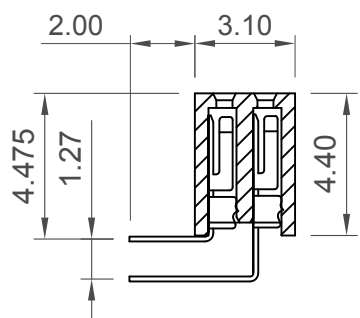


Recommended PCB Layout  
(Tolerance:±0.05mm)



Min. Insertion Depth 1.70 ref.  
Max. Insertion Depth 5.00 ref.



No. of Contacts	Dimensions	
	A	B
6	2.54	4.16
8	3.81	5.43
10	5.08	6.70
12	6.35	7.97
14	7.62	9.24
16	8.89	10.51
18	10.16	11.78
20	11.43	13.05
22	12.70	14.32
24	13.97	15.59
26	15.24	16.86
28	16.51	18.13
30	17.78	19.40
32	19.05	20.67
34	20.32	21.94
36	21.59	23.21
38	22.86	24.48
40	24.13	25.75
42	25.40	27.02
44	26.67	28.29
46	27.94	29.56
48	29.21	30.83
50	30.48	32.10
52	31.75	33.37
54	33.02	34.64
56	34.29	35.91
58	35.56	37.18
60	36.83	38.45
62	38.10	39.72
64	39.37	40.99
66	40.64	42.26
68	41.91	43.53
70	43.18	44.80
72	44.45	46.07
74	45.72	47.34
76	46.99	48.61
78	48.26	49.88
80	49.53	51.15
82	50.80	52.42
84	52.07	53.69
86	53.34	54.96
88	54.61	56.23
90	55.88	57.50
92	57.15	58.77
94	58.42	60.04
96	59.69	61.31
98	60.96	62.58
100	62.23	63.85

Specifications

Material  
Insulator Material:  
Polymer, LCP, UL 94V-0  
Contact Terminal : Copper Alloy

Plating  
See Ordering Grid

Electrical  
Current Rating: 1A per pin  
Contact Resistance: 20 mΩ max.  
Insulating Resistance: 1000 MΩ min.  
Dielectric Withstand Voltage: 300V AC

Soldering Process:  
IR Reflow: 260°C for 10 sec.  
Wave: 250°C for 5-10 sec  
Manual Solder: 350°C for 3-5 sec

Mechanical & Environmental  
Operating Temperature: -40°C to +105°C

Mates with (Subject to pin length)  
BD030 BD035 BD038 BD040 BD095

Ordering Grid  
**BD091** - **XX** - **X** - **0450** - **L** - **D**

No. of Contacts  
06 to 100  
00 = 100

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  
D = Tube

Insulator Material  
L = LCP

Part Number BD091		Product Description 1.27mm Pitch Socket, Dual Row, Through Hole, Horizontal	
Drawing Date 21st April 2008			
By	CC	Tolerances (Except as Noted)	Units:
Detail	BD091 F PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	F2	Angle X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	
Date	06/11/17		



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