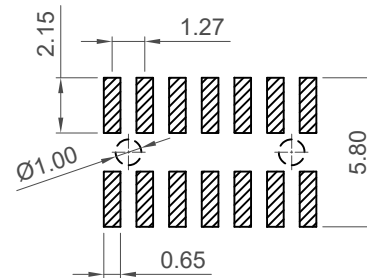
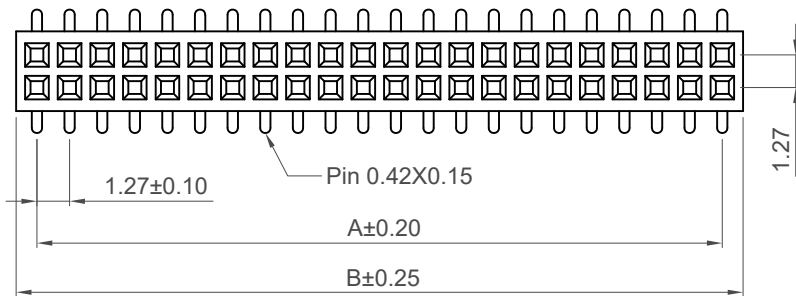


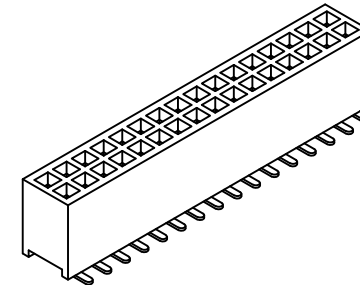
H
G
F
E
D
C
B
A



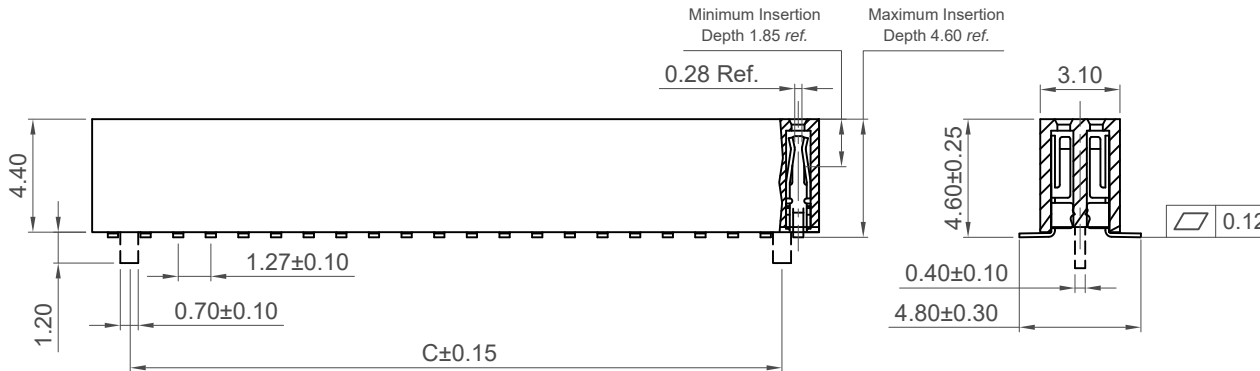
Recommended PCB Layout

Tolerance: $\pm 0.05\text{mm}$

Solder Area



Number of Contacts	Dimensions		
	A	B	C
4	1.27	2.89	/
6	2.54	4.16	1.27
8	3.81	5.43	2.54
10	5.08	6.70	3.81
12	6.35	7.97	5.08
14	7.62	9.24	6.35
16	8.89	10.51	7.62
18	10.16	11.78	8.89
20	11.43	13.05	10.16
22	12.70	14.32	11.43
24	13.97	15.59	12.70
26	15.24	16.86	13.97
28	16.51	18.13	15.24
30	17.78	19.40	16.51
32	19.05	20.67	17.78
34	20.32	21.94	19.05
36	21.59	23.21	20.32
38	22.86	24.48	21.59
40	24.13	25.75	22.86
42	25.40	27.02	24.13
44	26.67	28.29	25.40
46	27.94	29.56	26.67
48	29.21	30.83	27.94
50	30.48	32.10	29.21
52	31.75	33.37	30.48
54	33.02	34.64	31.75
56	34.29	35.91	33.02
58	35.56	37.18	34.29
60	36.83	38.45	35.56
62	38.10	39.72	36.83
64	39.37	40.99	38.10
66	40.64	42.26	39.37
68	41.91	43.53	40.64
70	43.18	44.80	41.91
72	44.45	46.07	43.18
74	45.72	47.34	44.45
76	46.99	48.61	45.72
78	48.26	49.88	46.99
80	49.53	51.15	48.26
82	50.80	52.42	49.53
84	52.07	53.69	50.80
86	53.34	54.96	52.07
88	54.61	56.23	53.34
90	55.88	57.50	54.61
92	57.15	58.77	55.88
94	58.42	60.04	57.15
96	59.69	61.31	58.42
98	60.96	62.58	59.69
100	62.23	63.85	60.96



Ordering Grid

BD064-XX-X-X-L-X Request Samples and Quotation

No. of Contacts
04 to 100
100 Contacts = 00

Contact Plating

A = Gold Flash All Over (Standard)
B = Selective Gold Flash Contact Area/
Tin On Tail
C = Tin All Over
G = 10 μ " Gold Contact Area/Tin On Tail
I = 30 μ " Gold Contact Area/Tin On Tail

Packing Options

C = Tape & Reel with Film (Standard)
B = Tape & Reel with Cap
(Not available for 4 contacts)

D = Tube
E = Tube with Cap
F = Tube with Film

Insulator Material

L = LCP

Locating Peg

0 = No Peg
1 = With Peg
(Not available for 4 contacts)

Specifications

Material

Insulator: Ploymer, LCP, UL94V-0
Contact: Copper Alloy

Plating

See Ordering Grid

Electrical

Current Rating: 1.0 Amp Per Pin
Contact Resistance: 20 m Ω max.
Insulation Resistance: 1000 M Ω min.
Dielectric Withstand Voltage: 300 V AC

Mechanical & Environmental

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

Soldering Process

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

Mates with (Subject to Pin Length)

BD025 BD030 BD035 BD038
BD040 BD095

Part Number		Product Description		
BD064		1.27mm Pitch Socket, Dual Row, Surface Mount, Vertical		
Drawing Date				
16th April 2008				
By	CC	Tolerances (Except as Noted)		Units:
		Length		Metric (mm)
Detail	BD064	X. ± 0.30	X.° ± 5°	 
	E PCN	X.X ± 0.25	X.X° ± 3°	
Revision	E2	X.XX ± 0.15	X.XX° ± 2°	
Date	30/01/23	X.XXX ± 0.10	X.XXX° ± 1°	
				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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