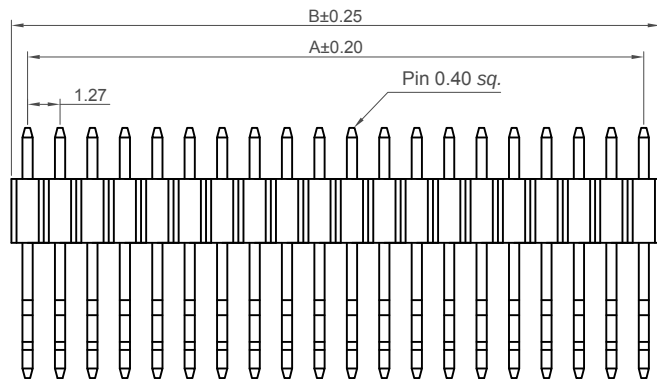
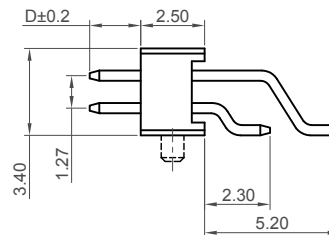
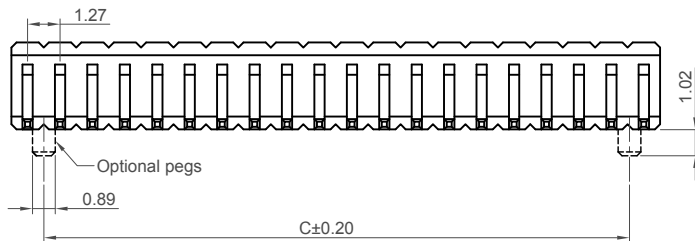
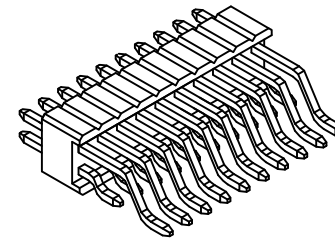
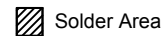


Recommended PCB Layout



Ordering Grid

BD038-XX-X-X-XXXX-X-X Request Samples and Quotation

No. of Contacts
06 to 66

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

Locating Peg

0 = Without Peg
1 = With Peg

Packing Options

B = Tape & Reel with Cap (Standard)
D = Tube
E = Tube with Cap

Insulator Material

L = LCP (Standard)
N = Nylon 6T

Dimension D (1/100mm) (Post Length)

0190 = 1.90mm (Standard)
 or specify Dimension D
 eg 0250 = 2.50mm
 Tol +/- 0.2mm
 (Maximum 0800=8.00mm)
 (Minimum 0100=1.00mm)

Specifications

Material

Insulator Material:

Standard: Polymer, LCP, UL 94-V0

Option: Polyamide, Nylon 6T, UL 94-V0

Contact Terminal: Copper Alloy

Plating

See Ordering Grid

Electrical

Current Rating: 1 Amp per pin

Contact Resistance: 20 mΩ max.

Insulation Resistance: 1000 MΩ min.

Dielectric Withstand Voltage: 300 V AC

Mechanical & Environmental

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

Soldering Process:

LCP (Standard) -

IR Reflow: 260°C for 10 sec.

Manual Solder: 350°C for 3-5 sec

Nylon 6T (Option) -

IR Reflow: 260°C for 10 sec.

Manual Solder: 350°C for 3-5 sec

Mates with(Subject to pin length):

BD050 BD055 BD060 BD064

BD065 BD091 BD092 BD093

Contacts	Dimensions		
	A	B	C
6	2.54	3.81	1.27
8	3.81	5.08	2.54
10	5.08	6.35	3.81
12	6.35	7.62	5.08
14	7.62	8.89	6.35
16	8.89	10.16	7.62
18	10.16	11.43	8.89
20	11.43	12.70	10.16
22	12.70	13.97	11.43
24	13.97	15.24	12.70
26	15.24	16.51	13.97
28	16.51	17.78	15.24
30	17.78	19.05	16.51
32	19.05	20.32	17.78
34	20.32	21.59	19.05
36	21.59	22.86	20.32
38	22.86	24.13	21.59
40	24.13	25.40	22.86
42	25.40	26.67	24.13
44	26.67	27.94	25.40
46	27.94	29.21	26.67
48	29.21	30.48	27.94
50	30.48	31.75	29.21
52	31.75	33.02	30.48
54	33.02	34.29	31.75
56	34.29	35.56	33.02
58	35.56	36.83	34.29
60	36.83	38.10	35.56
62	38.10	39.37	36.83
64	39.37	40.64	38.10
66	40.64	41.91	39.37

Part Number BD038		Product Description 1.27mm Pitch Socket, Dual Row, Surface Mount, Horizontal	
Drawing Date 3rd April 2008			
By CC		Tolerances (Except as Noted)	Units: Metric (mm)
Detail BD038 D PCN		Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Angle X° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°
Revision D2		3rd Angle Projection	
Date 21/09/17			
		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	
		www.gct.co	
		Not to Scale	Sheet No. 1/1