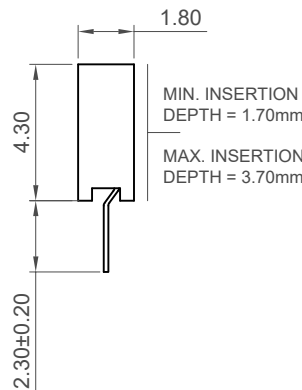
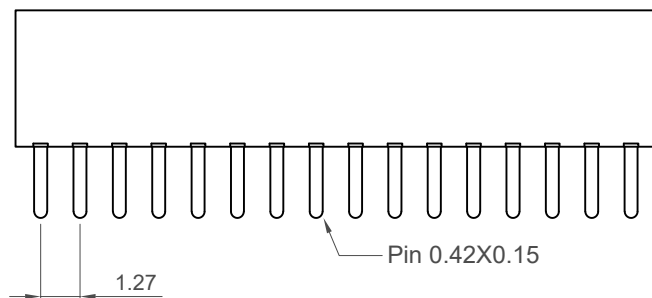
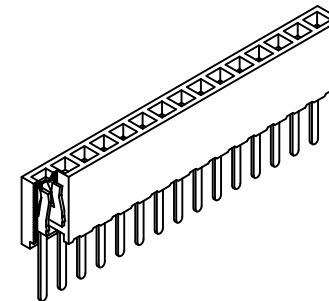


Recommended PCB Layout



Specifications

Material

Insulator Material

See Ordering Grid

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)

BD021 BD022 BD045 BD100 BD110

No. of Contacts	Dimensions	
	A	B
3	2.54	4.16
4	3.81	5.43
5	5.08	6.70
6	6.35	7.97
7	7.62	9.24
8	8.89	10.51
9	10.16	11.78
10	11.43	13.05
11	12.70	14.32
12	13.97	15.59
13	15.24	16.86
14	16.51	18.13
15	17.78	19.40
16	19.05	20.67
17	20.32	21.94
18	21.59	23.21
19	22.86	24.48
20	24.13	25.75
21	25.40	27.02
22	26.67	28.29
23	27.94	29.56
24	29.21	30.83
25	30.48	32.10
26	31.75	33.37
27	33.02	34.64
28	34.29	35.91
29	35.56	37.18
30	36.83	38.45
31	38.10	39.72
32	39.37	40.99
33	40.64	42.26
34	41.91	43.53
35	43.18	44.80
36	44.45	46.07
37	45.72	47.34
38	46.99	48.61
39	48.26	49.88
40	49.53	51.15

Ordering Grid

BD080-XX-X-0230-X-X

No. of Contacts
03 to 40

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

Tail Length (1/100mm)
0230 = 2.30mm

Request Samples
and Quotation

Packing Options

D = Tube (Standard)

E = Tube with Cap

F = Tube with Film

G = Plastic Box

For 3 contacts option G only.

Insulator Material

L = LCP

N = Nylon 6T

Part Number		Product Description	
BD080		1.27mm Pitch Socket, Single Row,	
Drawing Date		Through Hole, Vertical	
28th December 2007			
By	KY	Tolerances (Except as Noted)	Units:
Detail	BD080 H PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	H3	Angle X° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	08/08/24		



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consent. E & OE

GCT
www.gct.co

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

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BD080-03-A-0230-L-G	BD080-05-A-0230-L-D	BD080-07-A-0230-L-D	BD080-08-A-0230-L-D	BD080-09-A-0230-L-D
BD080-11-A-0230-L-D	BD080-12-A-0230-L-D	BD080-13-A-0230-L-D	BD080-14-A-0230-L-D	BD080-15-A-0230-L-D
BD080-16-A-0230-L-D	BD080-17-A-0230-L-D	BD080-18-A-0230-L-D	BD080-19-A-0230-L-D	BD080-20-A-0230-L-D
BD080-21-A-0230-L-D	BD080-22-A-0230-L-D	BD080-23-A-0230-L-D	BD080-24-A-0230-L-D	BD080-25-A-0230-L-D
BD080-26-A-0230-L-D	BD080-27-A-0230-L-D	BD080-28-A-0230-L-D	BD080-29-A-0230-L-D	BD080-30-A-0230-L-D
BD080-31-A-0230-L-D	BD080-32-A-0230-L-D	BD080-33-A-0230-L-D	BD080-34-A-0230-L-D	BD080-35-A-0230-L-D
BD080-36-A-0230-L-D	BD080-37-A-0230-L-D	BD080-38-A-0230-L-D	BD080-39-A-0230-L-D	BD080-40-A-0230-L-D