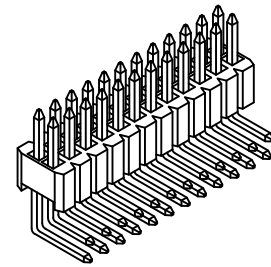


Recommended PCB Layout



No. of Contacts	Dimensions	
	A	B
4	1.27	2.54
6	2.54	3.81
8	3.81	5.08
10	5.08	6.35
12	6.35	7.62
14	7.62	8.89
16	8.89	10.16
18	10.16	11.43
20	11.43	12.70
22	12.70	13.97
24	13.97	15.24
26	15.24	16.51
28	16.51	17.78
30	17.78	19.05
32	19.05	20.32
34	20.32	21.59
36	21.59	22.86
38	22.86	24.13
40	24.13	25.40
42	25.40	26.67
44	26.67	27.94
46	27.94	29.21
48	29.21	30.48
50	30.48	31.75
52	31.75	33.02
54	33.02	34.29
56	34.29	35.56
58	35.56	36.83
60	36.83	38.10
62	38.10	39.37
64	39.37	40.64
66	40.64	41.91

Specifications

**Material**  
 Insulator: Polyester, LCP, UL 94V-0  
 Terminal: Copper Alloy

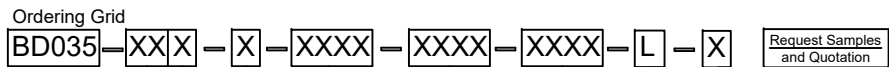
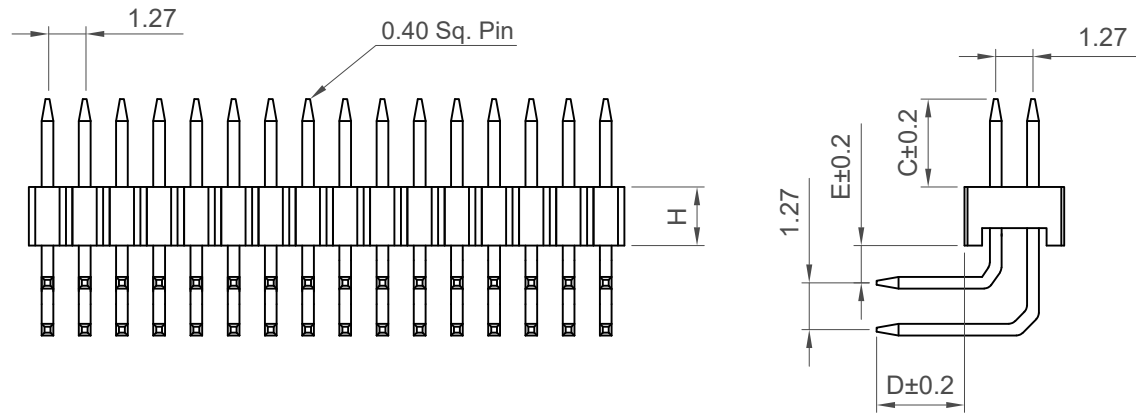
**Plasting**  
 See Ordering Grid

**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)**  
 BD050 BD055 BD060 BD064  
 BD065 BD091 BD092 BD093



**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

**Insulator Height 'H'**  
**L = 2.5mm (Standard)**  
 K = 1.0mm  
 A = 1.5mm  
 G = 1.7mm  
 B = 2.0mm  
 M = 2.7mm  
 F = 3.0mm

**Dimension C (1/100mm) (Post Height)**  
**0480 = 4.80mm (Standard)**  
 or specify Custom Post Height  
 eg 0250 = 2.50mm  
 (Maximum 0800=8.00mm)  
 (Minimum 0100=1.00mm)

**Dimension D (1/100mm) (Tail Length)**  
**0250 = 2.50mm (Standard)**  
 or specify Custom Tail Length  
 eg 0300 = 3.00mm  
 (Maximum 0500=5.00mm)  
 (Minimum 0100=1.00mm)

**Packing Options**  
 G = Plastic Box (Standard)  
 C = Tape & Reel with Film  
 D = Tube  
 F = Tube with Film (08 to 66 contacts)

**Insulator Material**  
**L = LCP (Standard)**

DIMENSION E STANDARDS	
INSULATOR HEIGHT 'H'	DIMENSION E
<b>L = 2.5mm (Standard)</b>	<b>0.80mm</b>
K = 1.00mm	0.20mm
A = 1.50mm	0.30mm
G = 1.70mm	1.30mm
B = 2.00mm	0.80mm
M = 2.70mm	0.20mm
F = 3.00mm	1.20mm

Part Number BD035		Product Description 1.27mm Pitch Pin Header, Dual Row, Through Hole, Horizontal	
Drawing Date 21st December 2007			
By	CC	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BD035 E 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	ES	3rd Angle Projection	
Date	05/08/22		



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