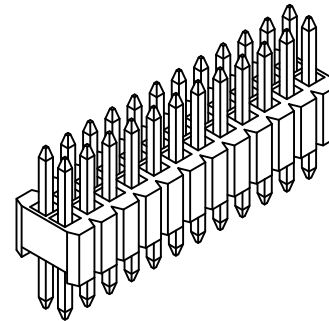
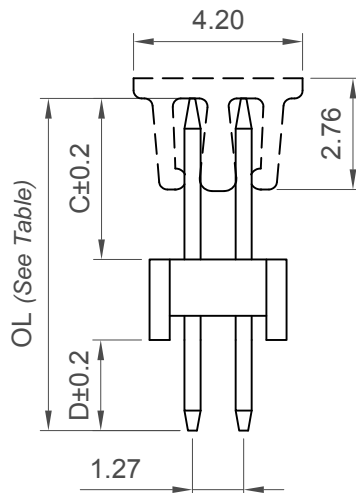
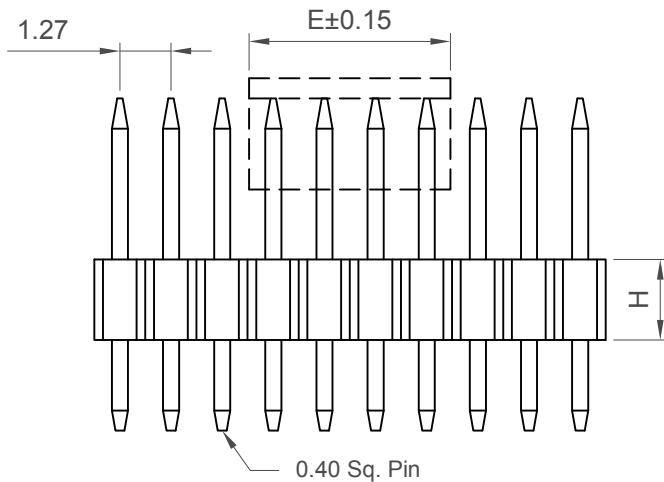


Recommended PCB Layout



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

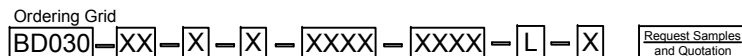
Mechanical & Environmental

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

Mates with (Subject to pin length)

BD050 BD055 BD060 BD064
BD065 BD091 BD092 BD093

No. of Contacts	Dimensions		
	A	B	E
4	1.27	2.54	/
6	2.54	3.81	4.00
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	5.00
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	



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'
A = 1.5mm (Standard)
K = 1.0mm
G = 1.7mm
B = 2.0mm
L = 2.5mm
F = 3.0mm

Dimension C (1/100mm) (Post Height)
0200 = 2.00mm (Standard)
0350 = 3.50mm (Standard)
or specify Custom Post Height
e.g. 0250 = 2.50mm
(Minimum 0050 = 0.50mm)
(Maximum - see Table)

Packing Options
G = Plastic Box (Standard)
B = Tape & Reel with Cap
D = Tube
(Available from 12 contacts and above)
E = Tube with Cap
(Available from 14 contacts and above)
Insulator Material
L = LCP
Dimension D (1/100mm) (Tail Length)
0300 = 3.00mm (Standard)
or specify Custom Tail Length
e.g. 0250 = 2.50mm
(Minimum 0050 = 0.50mm)
(Maximum - see Table)

Maximum Table		
Insulator Height H	OL Max (mm)	Dim C&D Max (mm)
A=1.5mm	12.00	8.00
K=1.0mm	10.00	6.00
G=1.7mm	12.00	8.00
B=2.0mm	15.00	10.00
L=2.5mm	15.00	10.00
F=3.0mm	15.00	10.00

Part Number BD030		Product Description 1.27mm Pitch Pin Header, Dual Row, Through Hole, Vertical	
Drawing Date 21st December 2007			
By	CC	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BD030 G 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	G5	3rd Angle Projection	
Date	22/09/20	RoHS COMPLIANT 2011/65/EU Deca-BIDE	



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