

Number of Contacts	Dimensions	
	A	B
2	1.27	2.54
3	2.54	3.81
4	3.81	5.08
5	5.08	6.35
6	6.35	7.62
7	7.62	8.89
8	8.89	10.16
9	10.16	11.43
10	11.43	12.70
11	12.70	13.97
12	13.97	15.24
13	15.24	16.51
14	16.51	17.78
15	17.78	19.05
16	19.05	20.32
17	20.32	21.59
18	21.59	22.86
19	22.86	24.13
20	24.13	25.40
21	25.40	26.67
22	26.67	27.94
23	27.94	29.21
24	29.21	30.48
25	30.48	31.75
26	31.75	33.02
27	33.02	34.29
28	34.29	35.56
29	35.56	36.83
30	36.83	38.10
31	38.10	39.37
32	39.37	40.64
33	40.64	41.91

Specifications

Material
 Insulator: LCP, UL94V-0, Black
 Contact: Brass

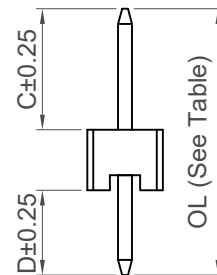
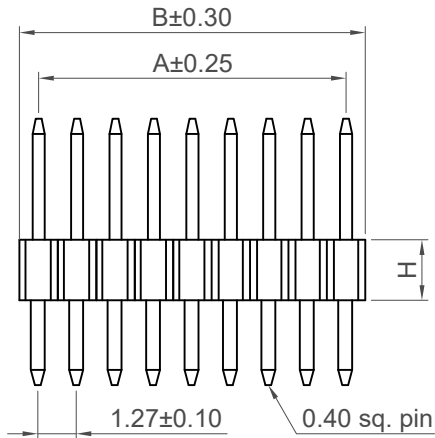
Plating
 Contact Area: See ordering grid
 Underplating: Nickel all over

Electrical
 Current Rating: 1A Per Pin
 Contact Resistance: 20 mΩ max.
 Insulating Resistance: 1000 MΩ min.
 Dielectric Withstand Voltage: 300V AC

Mechanical & Environmental
 Operating Temperature: -40°C to +105°C
 Soldering process:
 IR Reflow: 260°C for 10 sec.
 Wave: 250°C for 5-10 sec
 Manual Solder: 350°C for 3-5 sec

Mates with (Subject to Pin Length)
 BD074 BD075 BD080 BD090

BD074 Recommended mating length 1.50mm
 BD075 Recommended mating length 3.00mm
 BD080 Recommended mating length 3.00mm
 BD090 Recommended mating length 3.00mm



No. of Contacts
02 to 33

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
 L = Matte Tin

Insulator Height H

A = 1.50mm
 B = 2.00mm
 E = 2.54mm
 K = 1.00mm

Dimension D (1/100mm) (Tail Length)
 See Table
 Or Specify custom post height
 eg. 0250 = 2.50mm

Dimension C (1/100mm) (Post Height)
 See Table
 Or Specify custom post height
 eg. 0250 = 2.50mm

Insulator Height H	Dim C Standard (mm)	Dim D Standard (mm)	Dim C&D Max (mm)	Dim C&D Min (mm)	OL Max (mm)
A=1.50mm	2.1	2.1	8.00	0.50	12.00
B=2.00mm	4.0	2.8	10.00	0.50	15.00
E=2.54mm	6.0	3.0	10.00	0.50	15.00
K=1.00mm	3.0	2.3	6.00	0.50	10.00

Part Number BD022		Product Description 1.27mm Pitch Pin Header Single Row, Through-Hole, Vertical	
Drawing Date 20th October 2017			
By	CC	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	Drawing Release	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Angle X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°
Revision	A2	3rd Angle Projection	
Date	04/04/22		

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