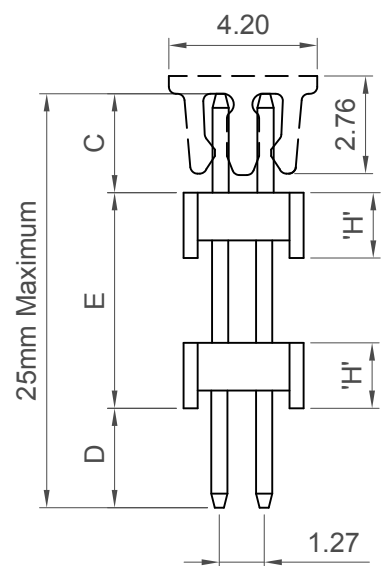
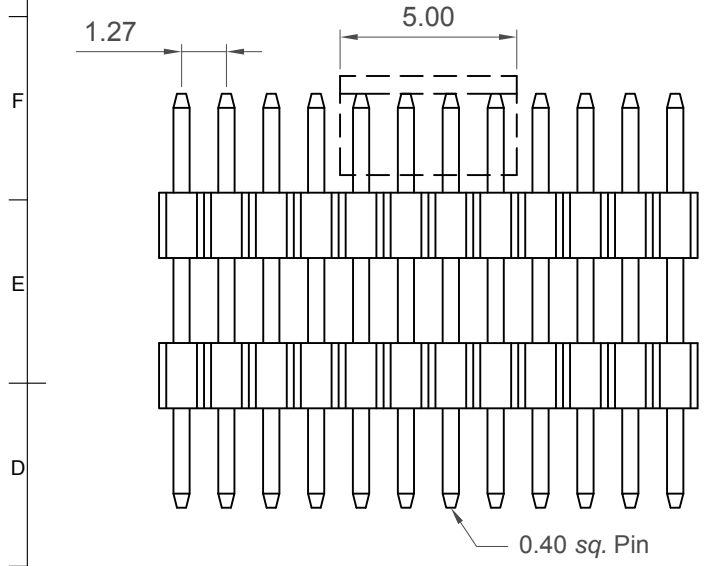


Contacts	Dimensions	
	A	B
4	1.27	2.54
6	2.54	3.81
8	3.81	5.08
10	5.08	6.35
12	6.35	7.62
14	7.62	8.89
16	8.89	10.16
18	10.16	11.43
20	11.43	12.70
22	12.70	13.97
24	13.97	15.24
26	15.24	16.51
28	16.51	17.78
30	17.78	19.05
32	19.05	20.32
34	20.32	21.59
36	21.59	22.86
38	22.86	24.13
40	24.13	25.40
42	25.40	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:  
 Options: Polymer, LCP, UL94V-0  
 Options: Polyamide, Nylon 6T, UL94V-0  
 Contact: 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 (Option)  
 IR Reflow: 260°C for 10 sec.  
 Wave: 250°C for 5-10 sec.  
 Manual Solder: 350°C for 3-5sec  
 Nylon 6T (Option)  
 IR Reflow: 260°C for 10 sec.  
 Wave: 230°C for 5-10 sec  
 Manual Solder : 350°C for 3-5 sec

**Mates with** (Subject to pin length )  
 BD050 BD055 BD060 BD064 BD065

**Ordering Grid**  
 BD025-XX-X-XXXX-XXXX-XXXX-X-X **Request Samples and Quotation**

No. of Contacts: 04 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

Dimension C (1/100mm) (Post Height)  
**Standard - 2.80mm = 0280**  
 or specify Dimension C  
 e.g. 0250 = 2.50mm  
 Tol +/- 0.2mm  
 (Maximum 0500 = 5.00mm)  
 (Minimum 0050 = 0.50mm)

Insulator Height 'H'  
 K = 1.00mm  
 A = 1.50mm  
 B = 2.00mm  
 L = 2.50mm  
 F = 3.00mm  
**Standard = 2.50mm**

Dimension D (1/100mm) (Tail Length)  
**Standard - 3.00mm = 0300**  
 or specify Dimension D  
 e.g. 0250 = 2.50mm  
 Tol +/- 0.2mm  
 (Maximum 0500 = 5.00mm)  
 (Minimum 0050 = 0.50mm)

Dimension E (1/100mm) (Stack Height)  
 Minimum = 2 x 'H'  
 or specify Dimension E  
 (See table opposite for Standards)  
 e.g. 0250 = 2.50mm  
 Tol +/- 0.2mm  
 (Maximum 1500 = 15.00mm)

Packing Options  
**G = Plastic Box (Standard)**  
 B = Tape&Reel with Cap  
 D = Tube  
 E = Tube with Cap

Insulator Material  
 L = LCP (Insulator H = A, B, L, F)  
 N = Nylon 6T (Insulator H = K)

DIMENSION STANDARDS	
INSULATOR HEIGHT 'H'	DIMENSION E
1.00mm	8.50mm
1.50mm	4.30mm
2.00mm	10.00mm
2.50mm	6.20mm
3.00mm	9.90mm

Part Number BD025		Product Description 1.27mm Pitch Elevated Pin Header, Dual Row, Through Hole, Vertical	
Drawing Date 28th December 2007			
By	CC	Tolerances (Except as Noted)	Units:
Detail	BD025 D PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	D3	Angle X.X° ± 5° X.XX° ± 2° X.XXX° ± 1°	
Date	28/08/20	X.XXX° ± 0.5°	



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



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