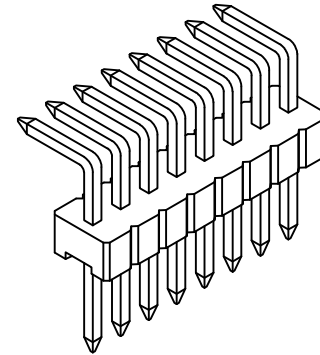
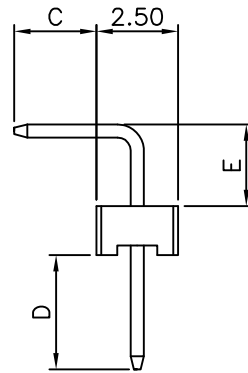


RECOMMENDED PCB LAYOUT



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 规格:

CURRENT RATING 电流额定值: 1 AMP  
 INSULATOR RESISTANCE 绝缘电阻值: 1000 MEGOHMS MIN.  
 DIELECTRIC WITHSTANDING 耐电压: AC 300 V  
 CONTACT RESISTANCE 接触电阻值: 20mΩ Max.  
 OPERATING TEMPERATURE 工作温度: -40°C TO +105°C  
 CONTACT MATERIAL 端子物料: COPPER ALLOY  
 INSULATOR MATERIAL 绝缘体物料:  
 OPTIONS 可选物料: POLYESTER 聚酯, LCP, UL 94-V0 (INSULATOR HEIGHT/塑胶高度 H = A, B)  $\Delta$   
 POLYAMIDE 聚酰胺, NYLON 6T, UL 94-V0 (INSULATOR HEIGHT/塑胶高度 H = K)  $\Delta$   
 SOLDERING PROCESS 可焊性:  
 LCP (STANDARD 标准物料) -  
 IR REFLOW 回流焊: 260°C for 10 sec.  $\Delta$   
 WAVE 波峰焊: 250°C for 5-10 sec  
 MANUAL SOLDER 人工焊接: 350°C for 3-5 sec  $\Delta$   
 NYLON 6T (OPTION 可选物料) -  
 IR REFLOW 回流焊: 260°C for 10 sec.  
 WAVE 波峰焊: 230°C for 5-10 sec.  
 MANUAL SOLDER 人工焊接: 350°C for 3-5sec

Ordering Grid

BD100-XX X-X-XXXX-XXXX-XXXX-X-X

No. of Contacts 02 to 33

Contact Plating  
 A = Gold Flash All Over  
 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  
**Standard = Gold Flash All Over**

Insulator Height "H"  
 K = 1.00mm  
 A = 1.50mm  
 B = 2.00mm  
**Standard = 2.00mm**

Dimension C (1/100mm) (Post Height)  
**Standard - 3.00mm = 0300**  
 or specify Dimension C  
 e.g. 2.50mm = 0250  
 Tol +/- 0.2mm

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

REQUEST SAMPLES AND QUOTATION

Packing Options  $\Delta$   $\Delta$   
**G = Plastic Box (Standard)**  
 A = Tape and Reel  
 D = Tube

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

Dimension E (1/100mm) (Insulator to Pin Bend)  
**Standard - 2.50mm = 0250**  
 or specify Dimension E  
 e.g. 3.00mm = 0300  
 Tol +/- 0.2mm

MATES WITH 配套之母座 (SUBJECT TO PIN LENGTH 在端子长度适合的条件下):  
 BD074 BD075 BD080 BD090

By	LYH	PN	PN	CB	AE	AE	SA
DETAIL	DRAWING RELEASE	STD INSULATOR HEIGHT CHANGED	STANDARD INSULATOR MATERIAL CHANGED	PACKING OPTIONS CHANGED	SOLDER TEMP & MATES WITH INFO. UPDATED	INSULATOR MATERIAL UPDATED FOR SPECIFIC INSULATOR HEIGHTS	PACKING OPTIONS CHANGED
REV DATE	A 28/12/07	B 17/04/09	C 27/04/09	D 20/05/09	E 27/07/09	F 07/08/09	G 04/06/10



Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm X. ± 0.30 X.° ± 5° X.X ± 0.20 X.X° ± 2° X.XX ± 0.15 XX° ± 1° X.XXX ± 0.10 XXX° ± 0.5°	BD100	28 DEC 07
Third Angle Projection	Description:- 1.27mm PITCH PIN HEADER, SINGLE ROW, THROUGH HOLE, HORIZONTAL	
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Scale	Revision	Material	Drawn by	Sheet No.
NTS	G	See Note	LYH	1/1