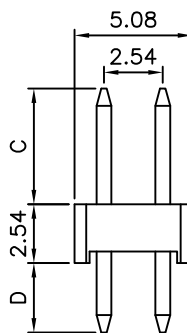
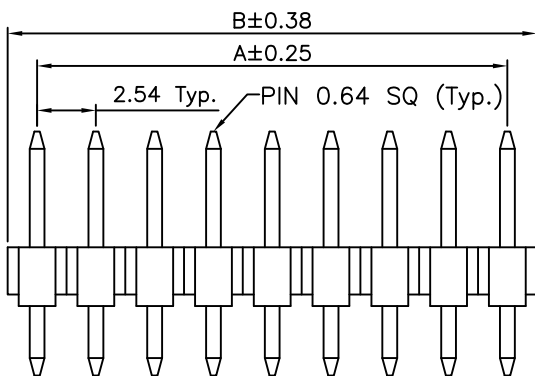
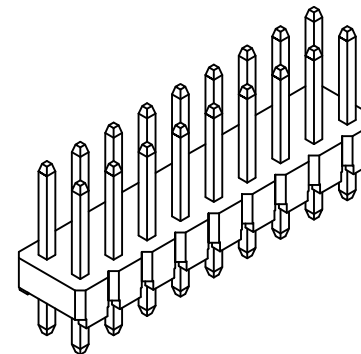


RECOMMENDED PCB LAYOUT



SPECIFICATIONS 规格

CURRENT RATING 电流额定值: 3.0 AMP  
 INSULATION RESISTANCE 绝缘电阻值: 1000M Ω Min.  
 DIELECTRIC WITHSTANDING 耐电压: 600V AC  
 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  
 INSULATION MATERIAL 绝缘体物料:  
 STANDARD 标准物料: POLYAMIDE 聚酰胺, NYLON 6T, UL 94-V0  
 OPTIONS 可选物料: POLYESTER 聚酯, LCP, UL 94-V0  
 OR POLYESTER 聚酯, PBT, UL94-V0  
 SOLDERING PROCESS 可焊性:  
 NYLON 6T (STANDARD 标准物料) -  
 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 3-5 sec  
 PBT (OPTION 可选物料) - MANUAL SOLDER人工焊接: 330°C for 3-5 sec.  
 (NOT SUITABLE FOR HI-TEMP PROCESS 不适合高温处理)  
 LCP (OPTION 可选物料) -  
 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  $\Delta$   
 MATES WITH 配套之母座 (SUBJECT TO PIN LENGTH 在端子长度适合的条件下)  
 BG120 BG140 BG150 BG151 BG160  
 BG165 BG170 BG175 BG180 BG185  
 BG190 BG195 BG200 BG210

Ordering Grid



No. of Contacts  
04 to 80

Contact Plating  
A = Gold Flash All Over  
B = Selective Gold Flash  
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 Material  
N = Nylon 6T (Standard)  $\Delta$   
P = PBT  
L = LCP

Packing Options  
G = Plastic Box (Standard)  
D = Tube  
E = Tube with Cap  $\Delta$

Dimension C (1/100mm)  $\Delta$   
(Post Height)  
Standard - 4.50mm = 0450  
Standard - 6.50mm = 0650  
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

CONTACTS	DIMENSIONS	
	A	B
4	2.54	5.08
6	5.08	7.62
8	7.62	10.16
10	10.16	12.70
12	12.70	15.24
14	15.24	17.78
16	17.78	20.32
18	20.32	22.86
20	22.86	25.40
22	25.40	27.94
24	27.94	30.48
26	30.48	33.02
28	33.02	35.56
30	35.56	38.10
32	38.10	40.64
34	40.64	43.18
36	43.18	45.72
38	45.72	48.26
40	48.26	50.80
42	50.80	53.34
44	53.34	55.88
46	55.88	58.42
48	58.42	60.96
50	60.96	63.50
52	63.50	66.04
54	66.04	68.58
56	68.58	71.12
58	71.12	73.66
60	73.66	76.20
62	76.20	78.74
64	78.74	81.28
66	81.28	83.82
68	83.82	86.36
70	86.36	88.90
72	88.90	91.44
74	91.44	93.98
76	93.98	96.52
78	96.52	99.06
80	99.06	101.60

By	LYH	PN	CB	DR	AE
DETAIL	DRAWING RELEASE	STANDARD INSULATOR MATERIAL CHANGED	PACKING OPTIONS CHANGED	CHANGE TO SOLDER TEMP. INFORMATION	AMENDMENT TO STANDARD DIMENSIONS
REV DATE	A 30/10/06	B 12/03/09	C 27/04/09	D 05/08/09	E 08/12/09



Tolerances (Except as noted)		Part Number:-	Date:-
Dimensions in mm		BG040	30 OCT 06
X. ± 0.30	X." ± 5°	Description:-	
X.X ± 0.20	XX" ± 2°	2.54mm PITCH PIN HEADER, DUAL ROW, THROUGH-HOLE, VERTICAL	
X.XX ± 0.15	XX" ± 1°	THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	
X.XXX ± 0.10	XXX" ± 0.5°	Scale NTS	
Third Angle Projection		Revision E	

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Scale	Revision	Material	Drawn by	Sheet No.
NTS	E	See Note	LYH	E & OE 1/1