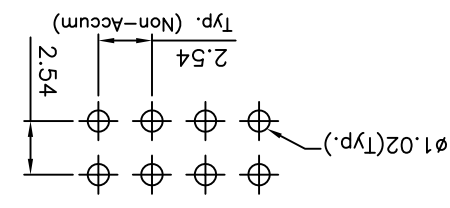


RECOMMENDED PCB LAYOUT



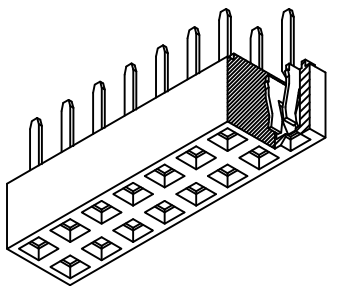
Height=5.00mm; Min. Insertion Depth = 1.49mm REF. M.I.D
 Height=7.10mm; Min. Insertion Depth = 2.03mm REF. M.I.D

SPECIFICATIONS 规格
 CURRENT RATING 电流额定值: 3 AMP
 INSULATOR RESISTANCE 绝缘电阻值: 1000 MEGOHMS MIN.
 DIELECTRIC WITHSTANDING 耐压: AC 600 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:
 STANDARD 标准物料: POLYAMIDE 聚酰胺, NYLON 6T, UL 94-V0
 OR POLYESTER 聚酯, PBT, UL94-V0
 OPTIONS 可选物料: POLYESTER 聚酯, LCP, UL 94-V0
 NYLON 6T (STANDARD 标准物料) -
 SOLDERING PROCESS 可焊性:
 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.
 WAVE 波峰焊: 250°C for 5-10 sec.
 MANUAL SOLDER 人工焊接: 350°C for 3-5 sec
MATES WITH 配套的母座 (SUBJECT TO PIN LENGTH 在端子长度适合的条件下):
 BG070 BG085
 BG025 BG040 BG045 BG050 BG065

Ordering Grid
 BG165-XX-X-X-X-X-X-X-X-X-X-X
 No. of Contacts 04 to 80

Standard = Gold Flash All Over
 A = Gold Flash All Over
 B = Selective Gold Flash Contact
 C = Tin All Over
 G = 10µ" Gold Contact Area/Tin On Tail
 Tail
 I = 30µ" Gold Contact Area/Tin On Tail
Standard = 5.00mm
 B = 7.1mm
 A = 5.0mm
 Height H

Insulator Material **N = Nylon 6T (Standard)**
 L = LCP
 P = PBT
D = Tube (Standard)
 E = Tube with Cap
 F = Tube with Film
 G = Plastic Box
 H = Tray
 For 4 contacts option H only.



DATE	30/10/06	REV	A
RELEASE	09/03/09	DRAWING AMENDMENT	B
BY	LYH	PN	CB
DR	DR	CB	DR
19/10/11	19/10/11	F	F

Third Angle Projection	ROHS COMPLIANT
X.XXX ± 0.10	XXX±0.5
X.XX ± 0.15	XX±1
X.X ± 0.20	X±2
X ± 0.30	X±5

Tolerances (Except as noted)	Part Number:	Date:
Dimensions in mm	BG165	30 OCT 06
Description:-	2.54mm PITCH SOCKET, DUAL ROW, THROUGH-HOLE, VERTICAL	

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



CONTACTS		DIMENSIONS	
A	B	A	B
4	2.54	5.58	8.12
6	5.08	10.66	13.20
8	7.62	13.20	15.74
10	10.16	15.74	18.28
12	12.70	18.28	20.82
14	15.24	20.82	23.36
16	17.78	23.36	25.90
18	20.32	25.90	28.44
20	22.86	28.44	30.98
22	25.40	30.98	33.52
24	27.94	33.52	36.06
26	30.48	36.06	38.60
28	33.02	38.60	41.14
30	35.56	41.14	43.68
32	38.10	43.68	46.22
34	40.64	46.22	48.76
36	43.18	48.76	51.30
38	45.72	51.30	53.84
40	48.26	53.84	56.38
42	50.80	56.38	58.92
44	53.34	58.92	61.46
46	55.88	61.46	64.00
48	58.42	64.00	66.54
50	60.96	66.54	69.08
52	63.50	69.08	71.62
54	66.04	71.62	74.16
56	68.58	74.16	76.70
58	71.12	76.70	79.24
60	73.66	79.24	81.78
62	76.20	81.78	84.32
64	78.74	84.32	86.86
66	81.28	86.86	89.40
68	83.82	89.40	91.94
70	86.36	91.94	94.48
72	88.90	94.48	97.02
74	91.44	97.02	99.56
76	93.98	99.56	102.10
78	96.52		
80	99.06		

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