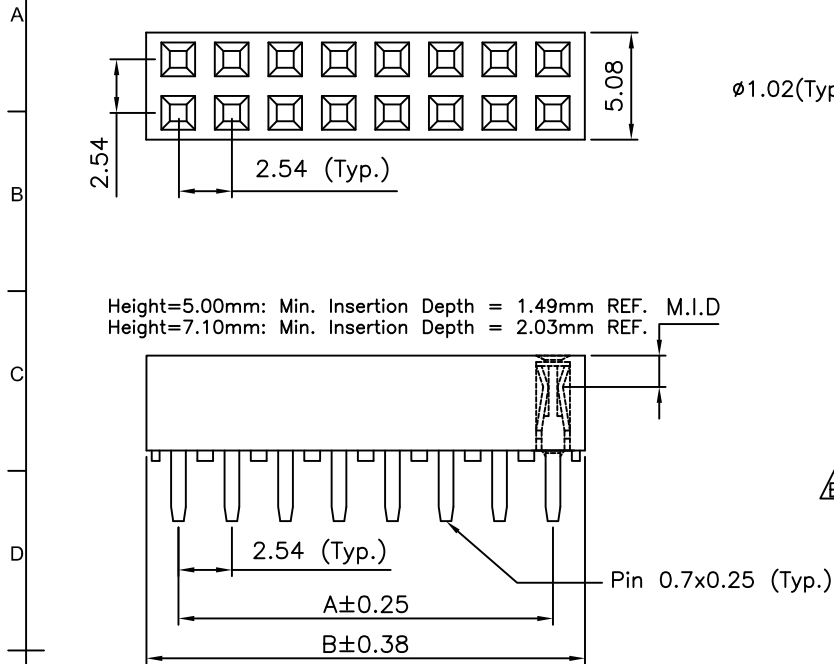
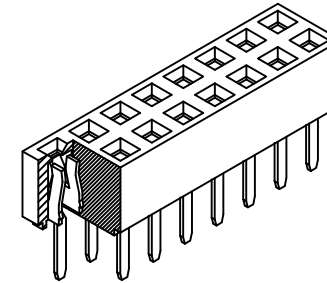
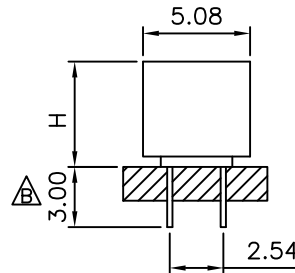


RECOMMENDED PCB LAYOUT



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

SPECIFICATIONS 规格

CURRENT RATING 电流额定值: 3 AMP

INSULATOR RESISTANCE 绝缘电阻值: 1000 MEGOHMS MIN.

DIELECTRIC WITHSTANDING 耐电压: 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

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. A

WAVE 波峰焊: 250°C for 5-10 sec.

MANUAL SOLDER 人工焊接: 350°C for 3-5 sec A

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

BG025 BG040

BG045 BG050

BG065

BG070 BG085

Ordering Grid

BG165-XX-X-X-X-X

No. of Contacts
04 to 80

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

Height H

A = 5.0mm

B = 7.1mm

Standard = 5.00mm

REQUEST SAMPLES AND QUOTATION

Packing Options A

D = Tube (Standard)

E = Tube with Cap

F = Tube with Film

G = Plastic Box

H = Tray

For 4 contacts option H only. A

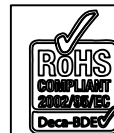
Insulator Material A

N = Nylon 6T (Standard)

P = PBT

L = LCP

By	LYH	PN	PN	CB	DR	CM
DETAIL	DRAWING RELEASE	DIMENSION AMENDMENT	STANDARD INSULATOR MATERIAL CHANGED	PACKING OPTIONS CHANGED	CHANGE TO SOLDER TEMP. INFORMATION	ECN; B2B packaging -001
REV DATE	A 30/10/06	B 09/03/09	C 12/03/09	D 27/04/09	E 05/08/09	F 19/10/11



Tolerances (Except as noted)		Part Number:-	Date:-
Dimensions in mm		BG165	30 OCT 06
Description:-		2.54mm PITCH SOCKET, DUAL ROW, THROUGH-HOLE, VERTICAL	
X. ± 0.30		X.° ± 5°	
X.X ± 0.20		X° ± 2°	
X.XX ± 0.15		XX° ± 1°	
X.XXX ± 0.10		XXX° ± 0.5°	
Thrd Angle Projection		THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	

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