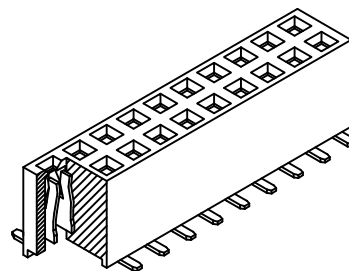
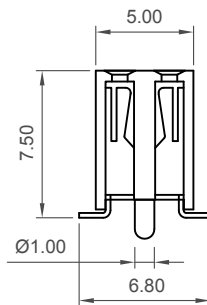
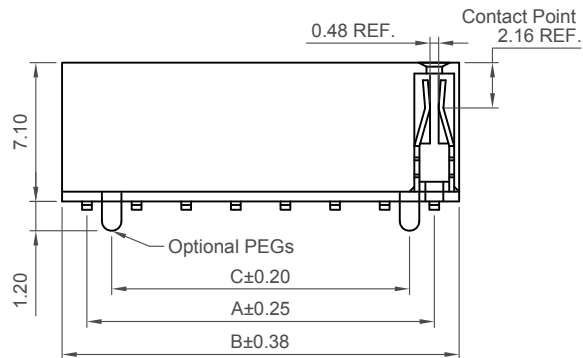


Recommended PCB Layout

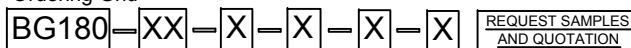


CONTACTS	DIMENSIONS		
	A	B	C
4	2.54	5.08	N/A
6	5.08	7.62	2.54
8	7.62	10.16	5.08
10	10.16	12.70	7.62
12	12.70	15.24	10.16
14	15.24	17.78	12.70
16	17.78	20.32	15.24
18	20.32	22.86	17.78
20	22.86	25.40	20.32
22	25.40	27.94	22.86
24	27.94	30.48	25.40
26	30.48	33.02	27.94
28	33.02	35.56	30.48
30	35.56	38.10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

Specifications 规格

Current Rating 电流额定值: 3 Amp
 Insulator Resistance 绝缘电阻值: 1000 MΩ 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 94V-0
 Options 可选物料: Polyester 聚酯, LCP, UL 94V-0
 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
 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



No. of Contacts
04 to 80

Packing Options

- C = Tape & Reel with Film (Standard)
 - B = Tape & Reel with Cap
 - D = Tube
 - E = Tube with Cap
 - F = Tube with Film
- Insulator Material
N = Nylon 6T (Standard)
 L = LCP

Contact Plating

- A = Gold Flash All Over (Standard)
- B = Selective Gold Flash Contact Area / Tin On Tail
- C = Tin All Over
- G = 10µm Gold Contact Area/Tin On Tail
- I = 30µm Gold Contact Area/Tin On Tail

Locating Peg

- 0 = Without
- 1 = With

For bottom entry applications the locating peg option is recommended. Stringent soldering control & pin alignment are required as lead to pad misalignment could cause incorrect mating.

By	AJO
DETAIL	BG180 F PCN
REV	F
DATE	18/06/14



Tolerances (Except as noted)		Part Number	Date
Dimensions in mm		BG180	30th Oct '06
X ± 0.30	X* ± 5°	Description	
X.X ± 0.20	.X* ± 2°	2.54mm Pitch Socket, Dual Row, Surface Mount, Vertical, Dual Entry	
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	Revision
Third Angle Projection		NTS	F
		Material	Drawn by
		See Note	LYH
		Sheet No.	1/1

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