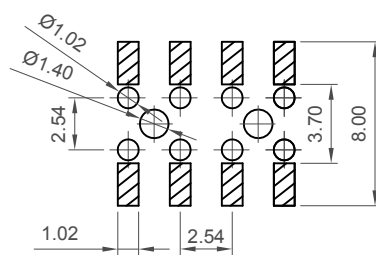
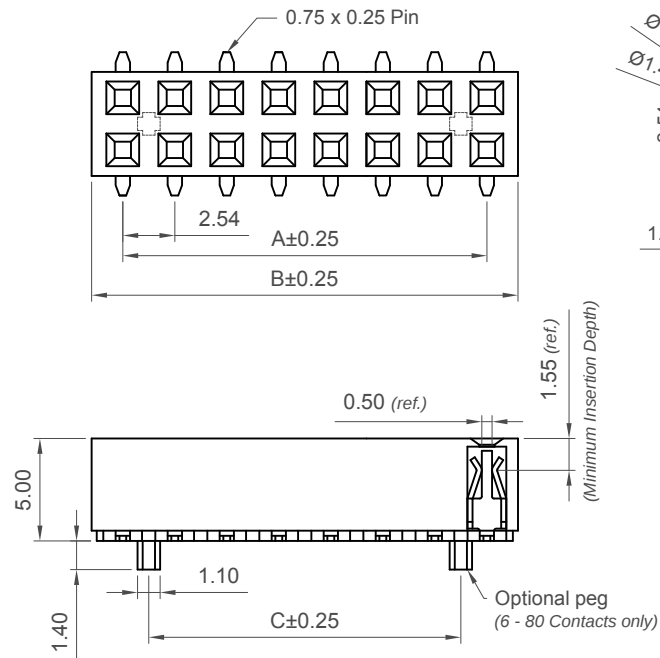


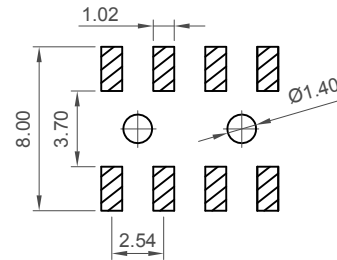
H
G
F
E
D
C
B
A



Recommended PCB Layout

Bottom Entry

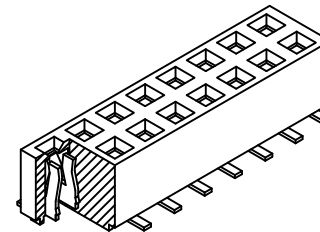
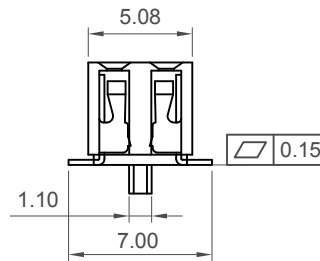
■ Solder Area



Recommended PCB Layout

Top Entry

■ Solder Area



Specifications 规格

Material 物料

Contact端子: Phosphor Bronze

Insulator Material 绝缘体:

Standard 标准: Polyamide, Nylon 6T, UL 94V-0

Options 可选: Polyester, LCP, UL 94V-0

Electrical 电气

Current Rating 电流额定值: 3 Amp

Insulator Resistance 绝缘电阻值: 1000 MΩ min.

Contact Resistance 接触电阻值: 20 mΩ max.

Dielectric Withstanding 耐电压: AC 600 V

Environmental & Mechanical 机械 & 环境

Operating Temperature 工作温度: -40° to +105°C

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

Ordering Grid

BG120-XX-X-X-X-X

No. of Contacts

04 to 80

Contact Plating

A = Gold Flash (Standard)

B = Selective Gold Flash

C = Tin

G = 10u" Selective Gold

I = 30u" Selective Gold

Request Samples and Quotation

Packing Options

C = Tape and Reel with Film (Standard)

B = Tape and Reel with Cap

D = Tube

E = Tube with Cap

F = Tube with Film

Insulator Material

N = Nylon 6T (Standard)

L = LCP

Locating Peg

0 = No Peg

1 = With Peg (6 - 80 Pins Only)

Mates with 配套之母座 (subject to pin length 在端子长度适合的情况下)

BG025 BG040 BG045 BG050

BG065 BG070 BG085

For bottom entry applications, stringent soldering control & pin alignment are required as lead to pad misalignment could cause incorrect mating.

Part Number		Product Description	
BG120		2.54mm Pitch Socket	
Drawing Date		Dual Row, Surface Mount, Vertical, Dual Entry	
30th October 2006			
By	AJO	Tolerances (Except as Noted)	Units:
Detail	BG120 D PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm) Angle X.° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°
Revision	D		
Date	22/07/15		
			
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	



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www.gct.co

Not to Scale
Drawn By AJO
Sheet No. 1/1