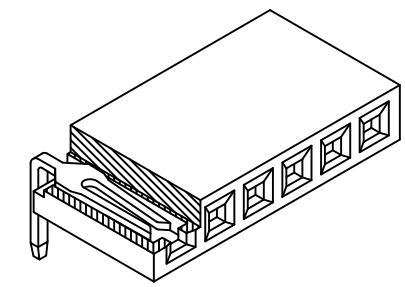
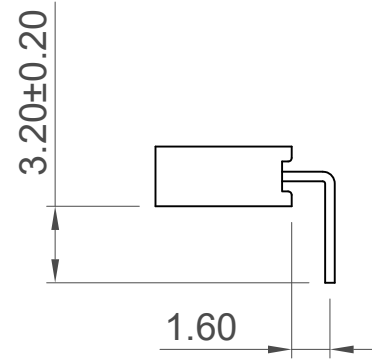
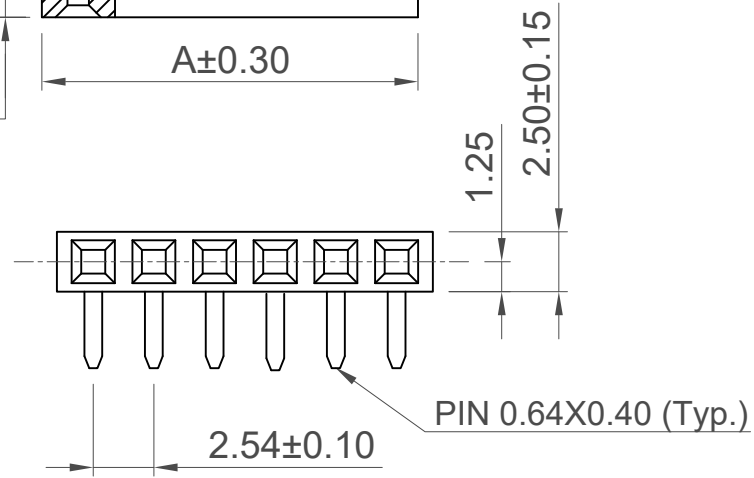


**RECOMMENDED PCB LAYOUT**  
General Tolerance: ±0.05

1.60 REF.  
Minimum  
Insertion  
Depth



**Specifications 规格**

**Material 物料**  
Insulator 绝缘体: Polymer 聚合物, LCP, Natural, UL94V-0  
Contact 接触: Copper Alloy

**Plating 电镀**  
Underplating 底层电镀: 50µ"-100µ" Nickel all over  
Contact Area 接触部分: See ordering grid

**Electrical 电气**  
Current Rating 电流额定值: 3A per pin  
Contact Resistance 接触电阻值: 20 mΩ max.  
Insulating Resistance 绝缘电阻值: 1000 MΩ min.  
Dielectric Withstand Voltage 耐电压: 1000V AC

**Mechanical & Environmental 机械 & 环境**  
Operating Temperature 工作温度: -40°C to +105°C

**Soldering Process 可焊性:**  
Wave 波峰焊: 250°C for 5-10 secs  
Manual Solder 人工焊接: 350°C for 3-5 secs

**Mates with 配套之公头:**  
Use BG303 for perfect horizontal mating.  
(Standard mating pin length 3.00mm)  
配套卧式公头为BG303 (标准插入针长3.00mm)

**NOTES 备注:**  
Maximum mating pin length 4.25mm 最大容许插入针长4.25mm  
Standard black version of BG302 is BG145  
BG302的标准黑色塑胶版本为料号为BG145

**Ordering Grid**

BG302 - XX - X - L - X Request Samples and Quotation

No. of Contacts: 02 to 06  
Contact Plating: A = Gold Flash All Over  
(Other plating options available on request)

Packing Options: G = Plastic Box (Standard) MOQ 1000pcs  
D = Tube  
Insulator Material: L = LCP (Natural)

CONTACTS	DIMENSIONS	
	A	B
2	5.58	2.54
3	8.12	5.08
4	10.66	7.62
5	13.20	10.16
6	15.74	12.70

Part Number		Product Description		<b>GCT</b> www.gct.co	
BG302		2.54mm Pitch Socket, Single Row, Through-hole, Horizontal, Natural LCP			
Drawing Date		7th December 2011			
By	CC	Tolerances (Except as Noted)	Units:	 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	
Detail	Drawing Release	Length	Metric (mm)		
Revision	A1	X.X ± 0.30			
Date	30/11/16	X.XX ± 0.20			
		3rd Angle Projection			
Not to Scale	Drawn By	Sheet No.			
	CM	1/1			

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