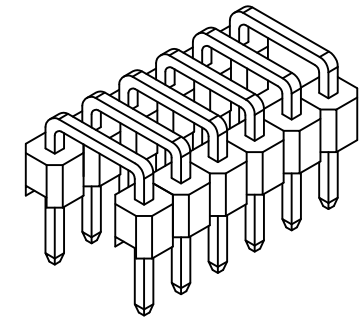
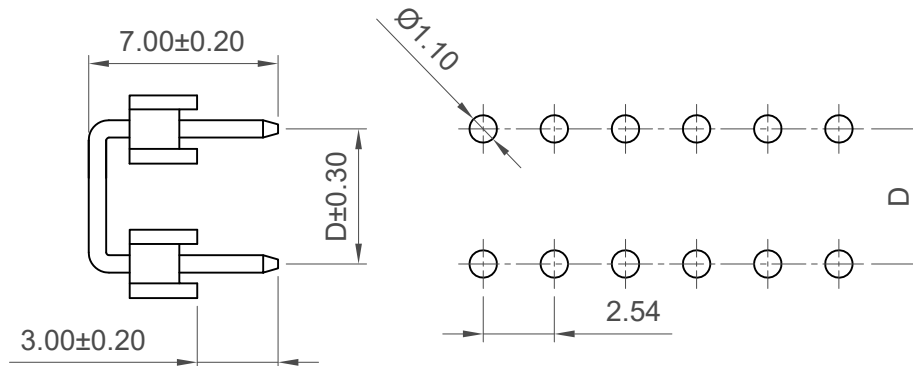
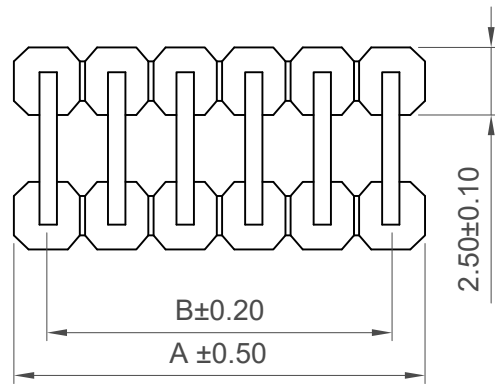
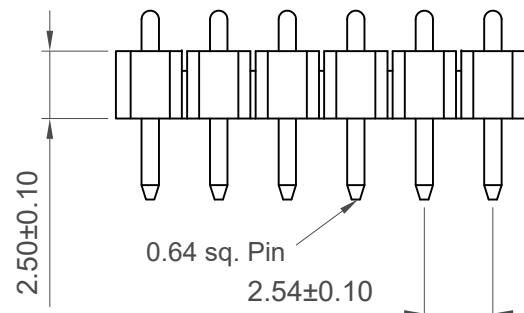




Recommended PCB Layout (Tolerance: $\pm 0.05\text{mm}$)



No. of Contacts	Dimensions	
	A	B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86

Ordering Grid

BG305 - **XX** - **X** - **0500** - **L** - **X** Request Samples and Quotation

No. of Contacts
02 to 10

Contact Plating
A = Gold Flash All Over
(Other plating options available on request)

Packing Options

G = Plastic Box (Standard packing for 2 contacts)
D = Tube (Standard packing for 3-6 contacts)

Insulator Material
L = LCP (Natural)

Dimension D (Footprint width)

0500 = 5.00mm (Standard)
Or specify custom Footprint Width
eg 0250 = 2.50mm

Specifications 规格

Material 物料

Insulator 绝缘体: LCP, UL94V-0, Natural
Contact 接触: Brass

Plating 电镀

Underplating 底层电镀: $30\mu''$ - $50\mu''$ Nickel
Contact Area 接触部分: Gold Flash

Electrical 电气

Current Rating 电流额定值: 3A per pin
Contact Resistance 接触电阻值: $20 \text{ m}\Omega$ max.
Insulating Resistance 绝缘电阻值: $1000 \text{ M}\Omega$ min.
Dielectric Withstand Voltage 耐电压: 500V AC

Mechanical & Environmental 机械 & 环境

Operating Temperature 工作温度: -40°C to $+105^\circ\text{C}$
Soldering Process 可焊性:
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:

BG306 or Direct solder to PCB

Part Number		Product Description		 www.gct.co
BG305		2.54mm Pitch Pin Header, Single Row, U-Shaped,		
Drawing Date		Thru-Hole, Dual Insulator, Natural LCP		
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
		Length	Angle	
Detail	Drawing Release	X.X $\pm$ 0.30	Metric (mm)	
Revision	A2	X.XX $\pm$ 0.20	 3rd Angle Projection	
Date	30/11/16		 Dec-80E	
				