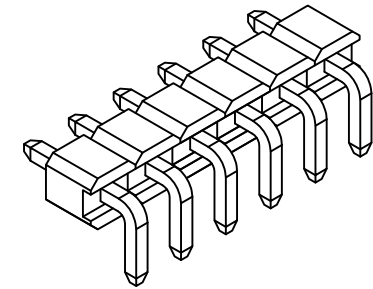


RECOMMENDED PCB LAYOUT
General Tolerance: ± 0.05



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: $30\mu\text{m}$ - $50\mu\text{m}$ 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: 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 secs
Manual Solder 人工焊接: 350°C for 3-5 secs

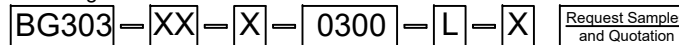
Mates with 配套之母座

(Subject to pin length 在端子长度适合的情况下):
Use BG302 for perfect horizontal mating.
(Standard mating pin length 3.00mm)
配套卧式母座为BG300 (标准插入针长3.00mm)

Notes备注:

Standard black version of BG303 is BG075
BG303的标准黑色塑胶版本为料号为BG075

Ordering Grid



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)
D = Tube
Insulator Material
L = LCP (Natural)

Dimension D (Post Length)
0300 = 3.00mm (Standard)
Or Specify Dimension D
eg 0250 = 2.50mm

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

Part Number BG303		Product Description 2.54mm Pitch Pin Header, Single Row, Through-hole, Horizontal, Natural LCP	
Drawing Date 7th December 2011			
By CC	Tolerances (Except as Noted) Length	Units: Metric (mm)	
Detail Drawing Release	X.X ± 0.30 X.XX ± 0.20		
Revision A1			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
Date 30/11/16			
		Not to Scale	Drawn By CM
		Sheet No. 1/1	

