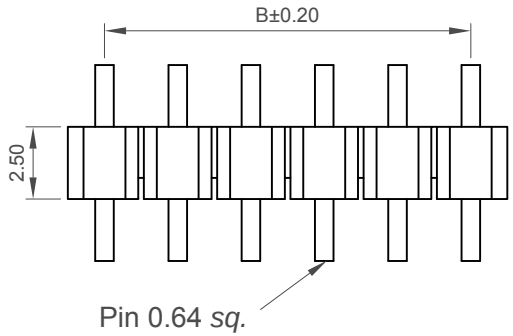
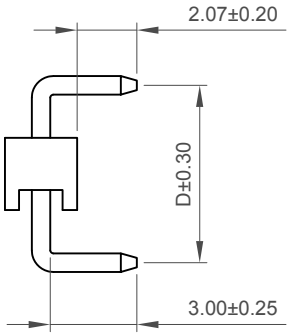
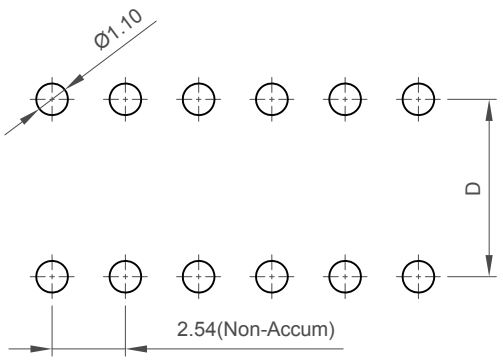
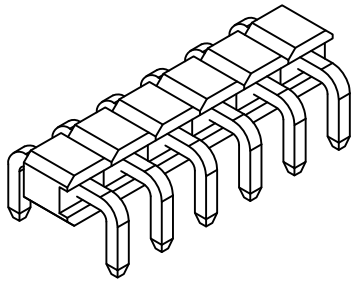


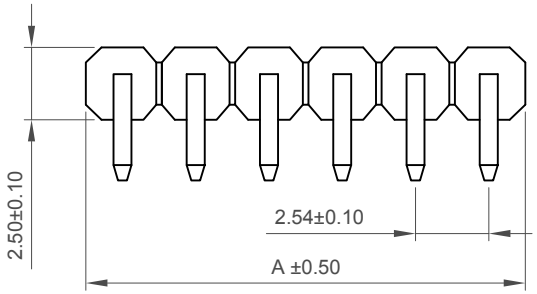






RECOMMENDED PCB LAYOUT

General Tolerance: ±0.05



6 Position Example

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
8	20.32	17.78

Ordering Grid

BG304 – XX – X – 0500 – L – X (Request Samples and Quotation)

No. of Contacts
02 to 08

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

Dimension D (Footprint width)
0500 = 5.00mm *(Standard)*
Or Specify Dimension D
e.g. 1000 = 10.00mm
(Maximum 2500=25.00mm)
(Minimum 0420=4.20mm)

Insulator Material
L = LCP (Natural)

Packing Options
G = Plastic Box *(Standard)*
D = Tube

Specifications

Material
Insulator: Polymer, LCP , Natural, UL94V-0
Contact:Brass

Plating
Underplating: 30µ"-50µ" Nickel all over
Contact Area: See ordering grid

Electrical
Current Rating: 3A per pin
Contact Resistance: 20 mΩ max.
Insulating Resistance: 1000 MΩ min.
Dielectric Withstand Voltage: 500V AC

Mechanical & Environmental
Operating Temperature: -40°C to +105°C

Soldering Process:
Wave: 250°C for 5-10 secs
Manual Solder: 350°C for 3-5 secs

Mates with:
A: BG306
B: Direct solder to PCB

Part Number	Product Description
BG304	2.54mm Pitch Pin Header, Single Row,U-Shaped, Thru-Hole, Single Insulator, Natural LCP
Drawing Date: 7th December 2011	

By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	©	GCT www.gct.co
Detail	Drawing Release	X.X ± 0.30 X.XX ± 0.20		3rd Angle Projection		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	
Revision	A4						Not to Scale / Drawn By CM / Sheet No. 1/1
Date	08/05/19						