

Recommended PCB Layout
General Tolerance: ±0.05

Specifications

Material

Insulator: Polymer, LCP, Natural, UL94V-0
Contact: Copper Alloy

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:

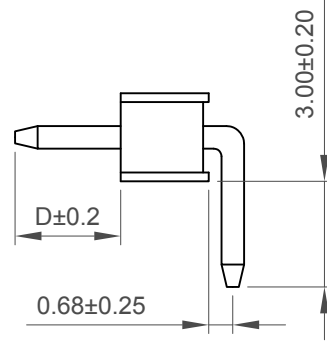
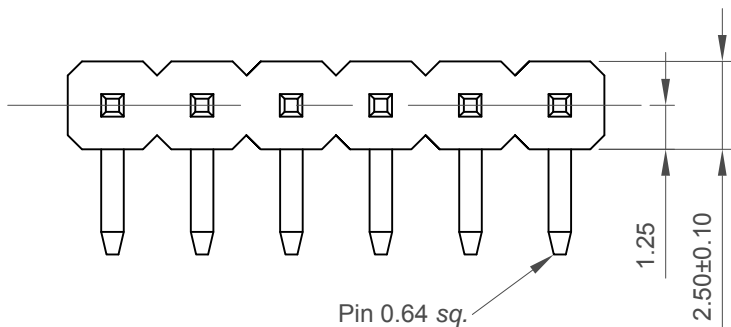
Wave: 250°C for 5-10 secs
Manual Solder: 350°C for 3-5 secs

Mates with

(Subject to pin length):
Use BG302 for perfect horizontal mating.
(Standard mating pin length 3.00mm)

Notes:

Standard black version of BG303 is BG075



Ordering Grid
BG303 - **XX** - **X** - **0300** - **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)
D = Tube
Insulator Material
L = LCP (Natural)

Dimension D (Post Length)
0300 = 3.00mm (Standard)
Or Specify Dimension D
eg 0250 = 2.50mm
(Maximum 3200=32.00mm)
(Minimum 0100=1.00mm)

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		Product Description	
BG303		2.54mm Pitch Pin Header, Single Row, Through-hole, Horizontal, Natural LCP	
Drawing Date		7th December 2011	
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A2	Angle	
Date	01/11/17	X.X ± 0.30	
		X.XX ± 0.20	



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