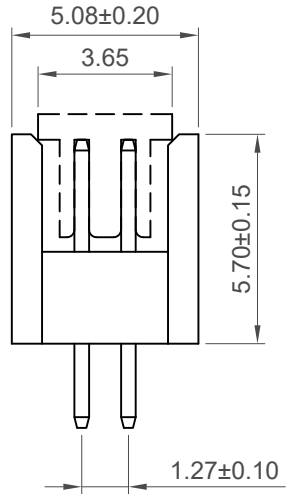
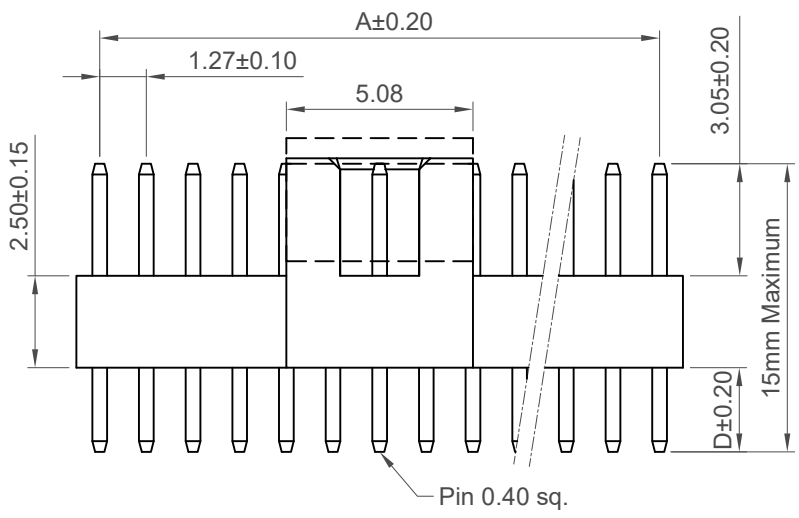
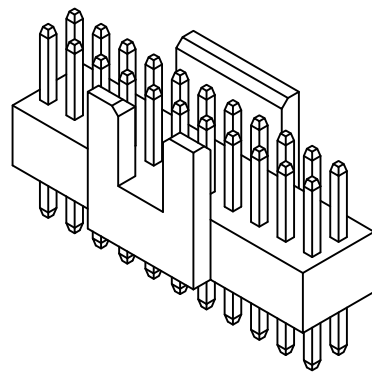


Recommended PCB Layout



Specifications

Material
 Insulator: LCP, UL 94V-0, Black
 Terminal: Brass

Plating
 See Ordering Grid

Electrical
 Current Rating: 1A per pin
 Contact Resistance: 20 mΩ max.
 Insulating Resistance: 1000 MΩ min.
 Dielectric Withstand Voltage: 500V AC

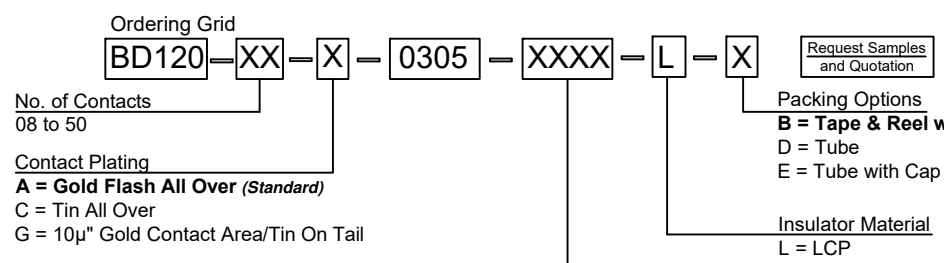
Soldering Process:
 IR Reflow: 260°C for 10 sec.
 Wave: 250°C for 5-10 sec
 Manual Solder: 350°C for 3-5 sec

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

Mates with (Subject to pin length)
 BD050 BD055 BD060 BD064

No. of Contacts	Dimensions	
	A	B
8	3.81	5.08
* 10	5.08	6.35
12	6.35	7.62
14	7.62	8.89
* 16	8.89	10.16
18	10.16	11.43
* 20	11.43	12.70
22	12.70	13.97
24	13.97	15.24
* 26	15.24	16.51
28	16.51	17.78
* 30	17.78	19.05
32	19.05	20.32
* 34	20.32	21.59
36	21.59	22.86
38	22.86	24.13
* 40	24.13	25.40
42	25.40	26.67
44	26.67	27.94
46	27.94	29.21
48	29.21	30.48
* 50	30.48	31.75

* = Toolled Parts
 Please contact GCT for non-tooled parts



Dimension D (1/100mm) (Tail Length)
0229 = 2.29mm (Standard)
 or specify Custom Tail Length
 e.g. 0250 = 2.50mm
 (Minimum 0050 = 0.50mm)
 (Maximum 0945 = 9.45mm)

Part Number		Product Description	
BD120		1.27mm Pitch Pin Header, Dual Row, Through Hole, Vertical	
Drawing Date		18th November 2022	
By	CC	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	Drawing Release	Length: X.X ± 0.30	
Revision	A	Angle: X.XX ± 0.20	
Date	18/11/22		

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

Not to Scale | Drawn By CC | Sheet No. 1/1