

Specifications

Material

Insulator: Polymer, LCP, UL 94V-0, Black
Contact: Brass

Plating

See Ordering Grid

Electrical

Current Rating: 1Amp Per Pin
Contact Resistance: 20 mΩ max.
Insulation Resistance: 1000 MΩ min.
Dielectric Withstand Voltage: 500V AC

Mechanical & Environmental

Operating Temperature: -40°C to +125°C
Soldering Process:

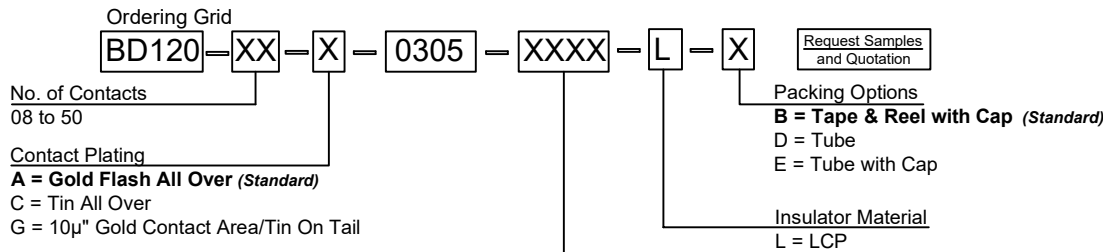
IR Reflow: 260°C for 10 sec.
Wave: 250°C for 5-10 sec.
Manual Solder: 350°C for 3-5 sec.

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

* = Tooled 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	MW	Tolerances (Except as Noted)	Units:	Halogen Free
Detail	Drawing Release	Length	Metric (mm)	
Revision	A1	X.X ± 0.30	Angle	© 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	09/03/26	X.XX ± 0.20	3rd Angle Projection	
Not to Scale	Drawn By	CC	Sheet No.	1/1

