

### Specifications

#### Material

Insulator: LCP, UL94V-0, Black  
Contact: Copper Alloy

#### Plating

Contact Area: Gold Flash or Tin

#### Electrical

Current Rating: 1 Amp per pin  
Contact Resistance: 20 mΩ max.  
Insulating Resistance: 1000 MΩ min.  
Dielectric Withstand Voltage: 300V AC

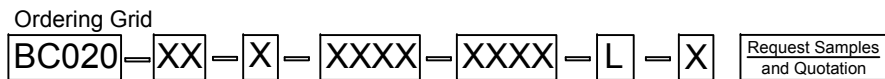
#### Mechanical & Environmental

Operating Temperature: -40°C to +105°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)

BC065 BC070 BC075

No. of Contacts	Dimensions	
	A	B
2	1.00	2.00
3	2.00	3.00
4	3.00	4.00
5	4.00	5.00
6	5.00	6.00
7	6.00	7.00
8	7.00	8.00
9	8.00	9.00
10	9.00	10.00
11	10.00	11.00
12	11.00	12.00
13	12.00	13.00
14	13.00	14.00
15	14.00	15.00
16	15.00	16.00
17	16.00	17.00
18	17.00	18.00
19	18.00	19.00
20	19.00	20.00
21	20.00	21.00
22	21.00	22.00
23	22.00	23.00
24	23.00	24.00
25	24.00	25.00
26	25.00	26.00
27	26.00	27.00
28	27.00	28.00
29	28.00	29.00
30	29.00	30.00
31	30.00	31.00
32	31.00	32.00
33	32.00	33.00
34	33.00	34.00
35	34.00	35.00
36	35.00	36.00
37	36.00	37.00
38	37.00	38.00
39	38.00	39.00
40	39.00	40.00



No. of Contacts  
02 to 40

#### Contact Plating

A = Gold Flash All Over (Standard)  
C = Tin All Over

#### Dimension C (1/100mm) (Post Height)

0200 = 2.00mm (Standard)  
0240 = 2.40mm (Standard)  
0380 = 3.80mm (Standard)  
or specify custom Post Height  
eg. 0250 = 2.50mm  
(Maximum 0500=5.00mm)  
(Minimum 0050=0.50mm)

#### Packing Options

G = Plastic Box (Standard)  
D = Tube  
E = Tube with Cap

#### Insulator Material

L = LCP (Standard)

#### Dimension D (1/100mm) (Tail Length)

0160 = 1.60mm (Standard)  
0300 = 3.00mm (Standard)  
or specify custom Tail Length  
eg. 0250 = 2.50mm  
(Maximum 0500=5.00mm)  
(Minimum 0050=0.50mm)

Part Number		Product Description	
BC020		1.0mm Pitch Pin Header, Single Row, Through-Hole, Vertical	
Drawing Date		20th May 2008	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BC020 E PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	E2	Angle X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	RoHS COMPLIANT 2011/65/EU Deca-BDE
Date	18/08/17	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



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