



**Specifications**

**Material**

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

**Plating**

Gold Flash All Over

**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

Ordering Grid

BC030 - XX - A - XXXX - XXXX - XXXX - L - X

No. of Contacts: 02 to 40

Contact Plating: **A = Gold Flash All Over (Standard)**

Dimension C (1/100mm) (Post Height): **0200 = 2.00mm (Standard)** or specify Dimension C eg. 0250 = 2.50mm Tol +/- 0.2mm (Maximum 0600=6.00mm) (Minimum 0100=1.00mm)

Dimension D (1/100mm) (Top of Insulator to Pin Bend): **0140 = 1.40mm (Standard)** or specify Dimension D eg. 0250 = 2.50mm Tol +/- 0.2mm (Maximum 0500=5.00mm) (Minimum 0130=1.30mm)

Dimension E (1/100mm) (Tail Length): **0250 = 2.50mm (Standard)** or specify Dimension E eg. 0450 = 4.50mm Tol +/- 0.2mm (Maximum 0500=5.00mm) (Minimum 0100=1.00mm)

Packing Options: **G = Plastic Box (Standard)**  
D = Tube  
E = Tube with Cap

Insulator Material: **L = LCP (Standard)**

Request Samples and Quotation

Part Number		Product Description	
BC030		1.0mm Pitch Pin Header, Single Row, Through-Hole, Horizontal	
Drawing Date		20th May 2008	
By	KY	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BC030 C PCN	Length: X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Angle: X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°
Revision	C2	3rd Angle Projection	
Date	17/06/24		



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