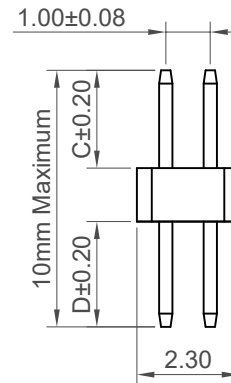
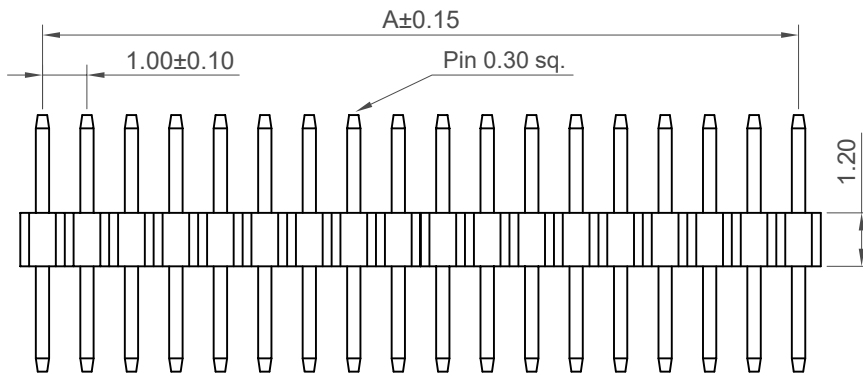
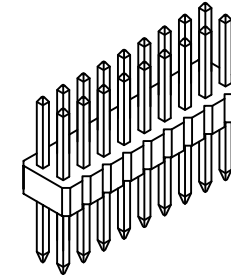


Recommended PCB Layout
General TOL: ±0.05



Specifications

Material

Insulator: Polymer LCP, UL94V-0, Black
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)
BC084 BC085

No. of Contacts	Dimensions	
	A	B
4	1.00	2.00
6	2.00	3.00
8	3.00	4.00
10	4.00	5.00
12	5.00	6.00
14	6.00	7.00
16	7.00	8.00
18	8.00	9.00
20	9.00	10.00
22	10.00	11.00
24	11.00	12.00
26	12.00	13.00
28	13.00	14.00
30	14.00	15.00
32	15.00	16.00
34	16.00	17.00
36	17.00	18.00
38	18.00	19.00
40	19.00	20.00
42	20.00	21.00
44	21.00	22.00
46	22.00	23.00
48	23.00	24.00
50	24.00	25.00
52	25.00	26.00
54	26.00	27.00
56	27.00	28.00
58	28.00	29.00
60	29.00	30.00
62	30.00	31.00
64	31.00	32.00
66	32.00	33.00
68	33.00	34.00
70	34.00	35.00
72	35.00	36.00
74	36.00	37.00
76	37.00	38.00
78	38.00	39.00
80	39.00	40.00

Ordering Grid

BC035-XX-A-XXXX-XXXX-L-X Request Samples and Quotation

No. of Contacts
04 to 80

Contact Plating

A = Gold Flash All Over (Standard)

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

0200 = 2.00mm (Standard)
0380 = 3.80mm (Standard)
or specify custom Post Height
eg. 0250 = 2.50mm
Tol +/- 0.2mm
(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)

0300 = 3.00mm (Standard)
or specify custom Tail Length
eg. 0250 = 2.50mm
Tol +/- 0.2mm
(Maximum 0500=5.00mm)
(Minimum 0050=0.50mm)

Part Number		Product Description			
BC035		1.0mm Pitch Pin Header, Dual Row,			
Drawing Date		Through-Hole, Vertical			
20th May 2008					
By	KY	Tolerances (Except as Noted)		Units:	RoHS COMPLIANT 2011/05/EU Deca-SIDE Ⓒ 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
Detail	BC035 D PCN	Length	Angle	Metric (mm)	
Revision	D2	X. ± 0.30	X.° ± 5°	3rd Angle Projection	
Date	18/06/24	X.X ± 0.20	X.X° ± 3°		
		X.XX ± 0.15	X.XX° ± 2°		
		X.XXX ± 0.10	X.XXX° ± 1°		

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BC035-04-A-0200-0300-L-G	BC035-04-A-0380-0300-L-G	BC035-06-A-0200-0300-L-G	BC035-06-A-0380-0300-L-G
BC035-08-A-0200-0300-L-G	BC035-08-A-0380-0300-L-G	BC035-10-A-0200-0300-L-G	BC035-12-A-0200-0300-L-G
BC035-12-A-0380-0300-L-G	BC035-14-A-0200-0300-L-G	BC035-14-A-0380-0300-L-G	BC035-16-A-0200-0300-L-G
BC035-16-A-0380-0300-L-G	BC035-18-A-0200-0300-L-G	BC035-18-A-0380-0300-L-G	BC035-20-A-0200-0300-L-G
BC035-20-A-0380-0300-L-G	BC035-22-A-0200-0300-L-G	BC035-22-A-0380-0300-L-G	BC035-24-A-0200-0300-L-G
BC035-24-A-0380-0300-L-G	BC035-26-A-0200-0300-L-G	BC035-26-A-0380-0300-L-G	BC035-28-A-0200-0300-L-G
BC035-28-A-0380-0300-L-G	BC035-30-A-0200-0300-L-G	BC035-30-A-0380-0300-L-G	BC035-32-A-0200-0300-L-G
BC035-32-A-0380-0300-L-G	BC035-34-A-0200-0300-L-G	BC035-34-A-0380-0300-L-G	BC035-36-A-0200-0300-L-G
BC035-36-A-0380-0300-L-G	BC035-38-A-0200-0300-L-G	BC035-38-A-0380-0300-L-G	BC035-40-A-0200-0300-L-G
BC035-40-A-0380-0300-L-G	BC035-42-A-0200-0300-L-G	BC035-42-A-0380-0300-L-G	BC035-44-A-0200-0300-L-G
BC035-44-A-0380-0300-L-G	BC035-46-A-0200-0300-L-G	BC035-46-A-0380-0300-L-G	BC035-48-A-0200-0300-L-G
BC035-48-A-0380-0300-L-G	BC035-50-A-0200-0300-L-G	BC035-50-A-0380-0300-L-G	BC035-52-A-0200-0300-L-G
BC035-52-A-0380-0300-L-G	BC035-54-A-0200-0300-L-G	BC035-54-A-0380-0300-L-G	BC035-56-A-0200-0300-L-G
BC035-56-A-0380-0300-L-G	BC035-58-A-0200-0300-L-G	BC035-58-A-0380-0300-L-G	BC035-60-A-0200-0300-L-G
BC035-60-A-0380-0300-L-G	BC035-62-A-0200-0300-L-G	BC035-62-A-0380-0300-L-G	BC035-64-A-0200-0300-L-G
BC035-64-A-0380-0300-L-G	BC035-66-A-0200-0300-L-G	BC035-66-A-0380-0300-L-G	BC035-68-A-0200-0300-L-G
BC035-68-A-0380-0300-L-G	BC035-70-A-0200-0300-L-G	BC035-70-A-0380-0300-L-G	BC035-72-A-0200-0300-L-G
BC035-72-A-0380-0300-L-G	BC035-74-A-0200-0300-L-G	BC035-74-A-0380-0300-L-G	BC035-76-A-0200-0300-L-G
BC035-76-A-0380-0300-L-G	BC035-78-A-0200-0300-L-G	BC035-78-A-0380-0300-L-G	BC035-80-A-0200-0300-L-G
BC035-80-A-0380-0300-L-G			