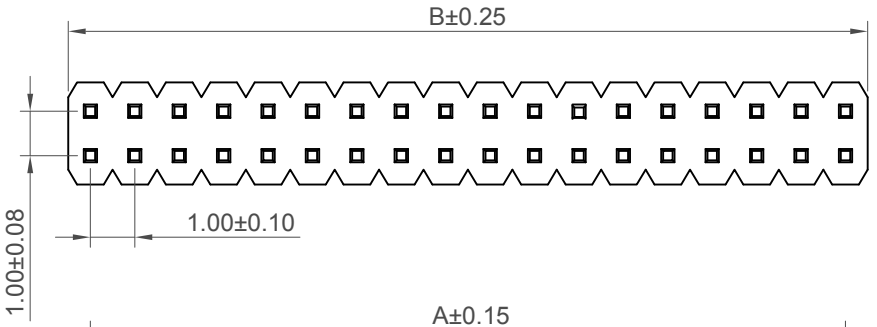
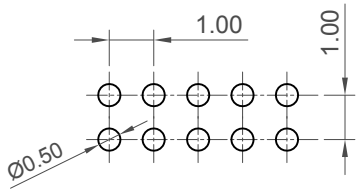
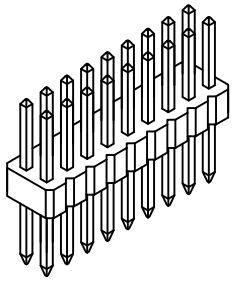
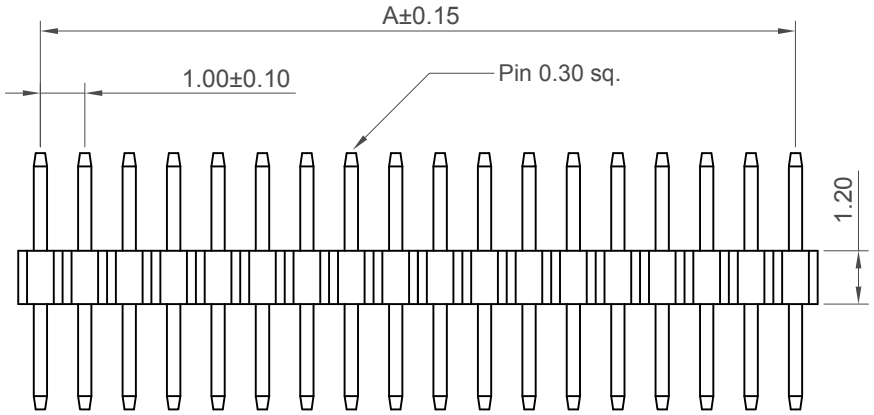
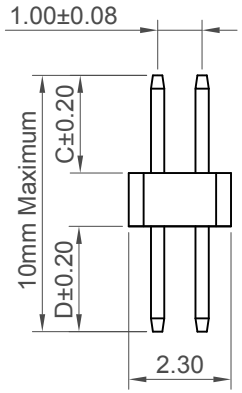




Recommended PCB Layout
General TOL: ±0.05







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

Specifications

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

Plating
See Ordering Grid

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

Ordering Grid

BC035 — XX — X — XXXX — XXXX — L — X Request Samples and Quotation

No. of Contacts
04 to 80

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

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)

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)

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

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

Part Number	Product Description
BC035	1.0mm Pitch Pin Header, Dual Row, Through-Hole, Vertical
Drawing Date: 20th May 2008	

By	CC	Tolerances (Except as Noted)		Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	©	GCT www.gct.co
Detail	BC035 D PCN	Length	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	
Revision	D1	X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	3rd Angle Projection			
Date	18/08/17						

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