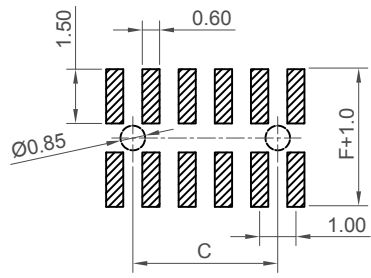
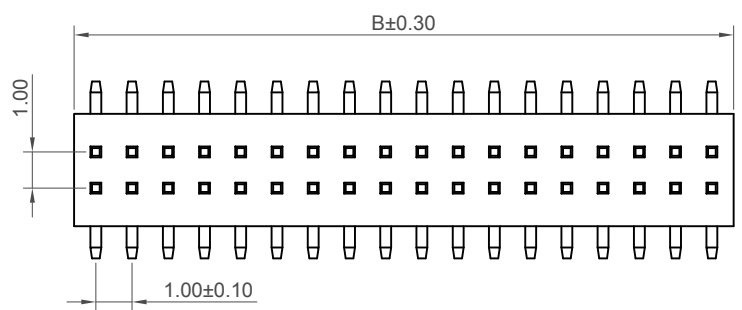
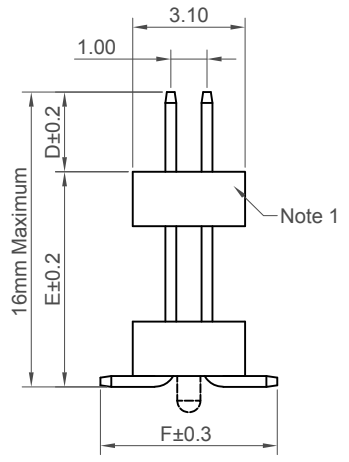
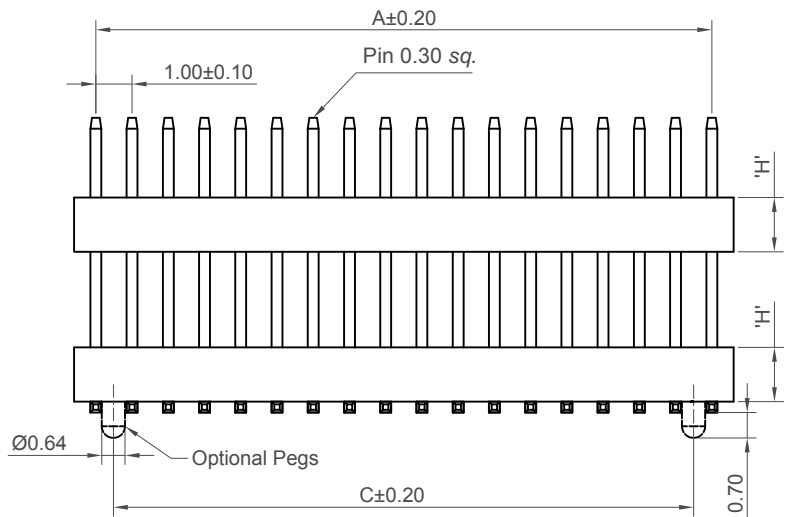
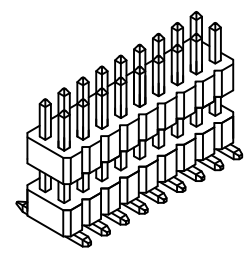


H
G
F
E
D
C
B
A



Recommended PCB Layout
Solder Area



Note 1: The upper insulator is for pin alignment only, for load bearing, please contact GCT.

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

Contacts	Dimensions		
	A	B	C
6	2.00	3.20	1.00
8	3.00	4.20	2.00
10	4.00	5.20	3.00
12	5.00	6.20	4.00
14	6.00	7.20	5.00
16	7.00	8.20	6.00
18	8.00	9.20	7.00
20	9.00	10.20	8.00
22	10.00	11.20	9.00
24	11.00	12.20	10.00
26	12.00	13.20	11.00
28	13.00	14.20	12.00
30	14.00	15.20	13.00
32	15.00	16.20	14.00
34	16.00	17.20	15.00
36	17.00	18.20	16.00
38	18.00	19.20	17.00
40	19.00	20.20	18.00
42	20.00	21.20	19.00
44	21.00	22.20	20.00
46	22.00	23.20	21.00
48	23.00	24.20	22.00
50	24.00	25.20	23.00
52	25.00	26.20	24.00
54	26.00	27.20	25.00
56	27.00	28.20	26.00
58	28.00	29.20	27.00
60	29.00	30.20	28.00
62	30.00	31.20	29.00
64	31.00	32.20	30.00
66	32.00	33.20	31.00
68	33.00	34.20	32.00
70	34.00	35.20	33.00
72	35.00	36.20	34.00
74	36.00	37.20	35.00
76	37.00	38.20	36.00
78	38.00	39.20	37.00
80	39.00	40.20	38.00

Insulator Height 'H'	Dimension 'D'	Dimension 'E'	Dimension 'F'
1.00 mm	1.90 mm	2.50 mm	5.20 mm
1.50 mm	1.65 mm	5.90 mm	5.20 mm

Ordering Grid
BC055 - **XX**X - **X**X - **XXXX** - **XXXX** - **XXXX** - **L**X

No. of Contacts: 06 to 80
 Contact Plating: A = Gold Flash All Over (Standard), C = Tin All Over
 Insulator Height H: K = 1.00mm (Standard), A = 1.50mm
 Locating Peg: 0 = No Peg, 1 = With Peg
 Dimension D (1/100mm) (Post Height): 0190 = 1.90mm (Standard when H = K), 0165 = 1.65mm (Standard when H = A) or specify Dimension D eg 0250 = 2.50mm (Maximum 0400=4.00mm) (Minimum 0100=1.00mm)
 Dimension E (1/100mm) (Stack Height): 0250 = 2.50mm (Standard when H = K), 0590 = 5.90mm (Standard when H = A) or specify Dimension E eg 0250 = 2.50mm (Maximum 1200=12.00mm) (Minimum 0250=2.50mm when H=K) (Minimum 0350=3.50mm when H=A)
 Packing Options: B = Tape & Reel with Cap (Standard), D = Tube (Available in 12-80 contacts), E = Tube with Cap (Available in 12-80 contacts), G = Plastic Box (Available in 06-10 contacts)
 Insulator Material: L = LCP (Standard)
 Dimension F (1/100mm) (Footprint Width): 0520 = 5.20mm (Standard) or specify Dimension F eg 0250 = 2.50mm (Tooling charge may apply)
 Request Samples and Quotation

Part Number BC055		Product Description 1.00mm Pitch Elevated Pin Header, Dual Row, Surface Mount, Vertical	
Drawing Date 20th May 2008			
By	CC	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BC055 F 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	F4	3rd Angle Projection	
Date	04/06/20		



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