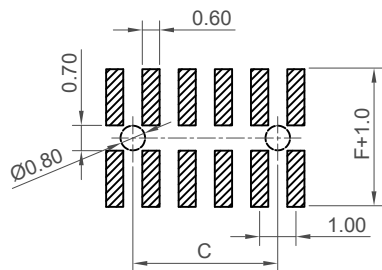
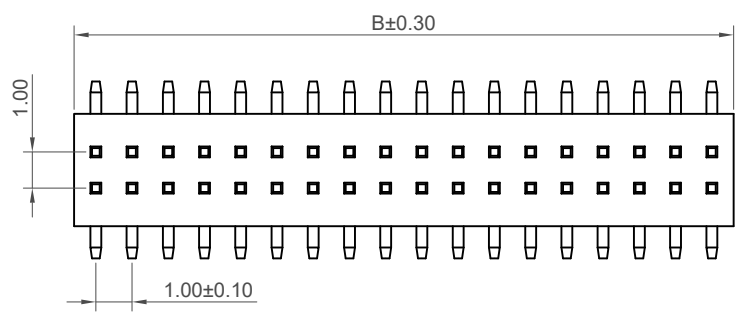
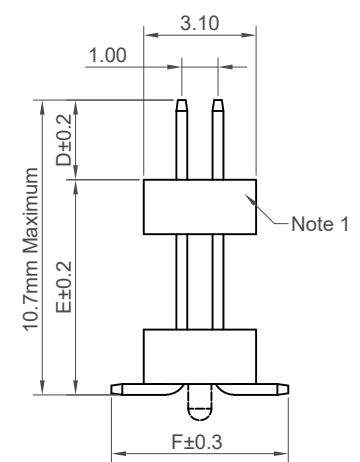
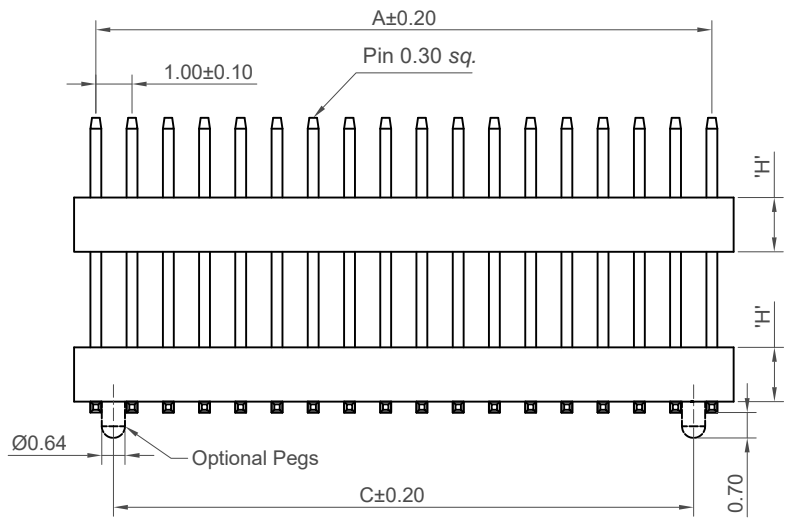
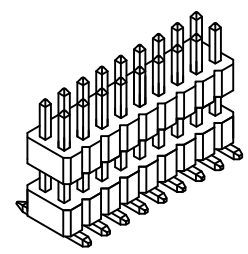


H  
G  
F  
E  
D  
C  
B  
A



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

Ordering Grid  
BC055-XX-X-XX-XXXX-XXXX-XXXX-LX

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 0970=9.70mm)  
(Minimum 0250=2.50mm when H=K)  
(Minimum 0350=3.50mm when H=A)

Dimension F (1/100mm) (Footprint Width)  
0520 = 5.20mm (Standard)  
or specify Dimension F  
eg 0250 = 2.50mm  
(Tooling charge may apply)

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)

Request Samples and Quotation

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

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	F5	3rd Angle Projection	
Date	30/12/22		

RoHS COMPLIANT 2011/65/EU  
Deca-BDE

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