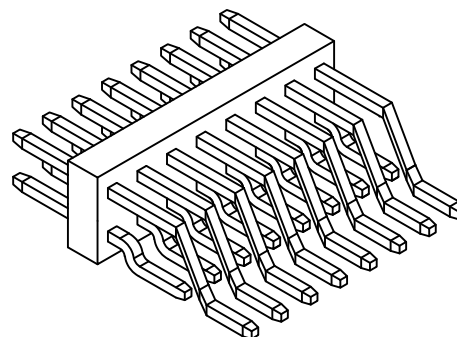


Recommended PCB Layout
(Tolerance: ± 0.05)

■ Solder Area



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 m Ω max.

Insulating Resistance: 1000 M Ω min.

Dielectric Withstand Voltage: 300V AC

Mechanical & Environmental

Operating Temperature: -40°C to +105°C

Soldering Process:

IR Reflow: 260°C for 10 sec.

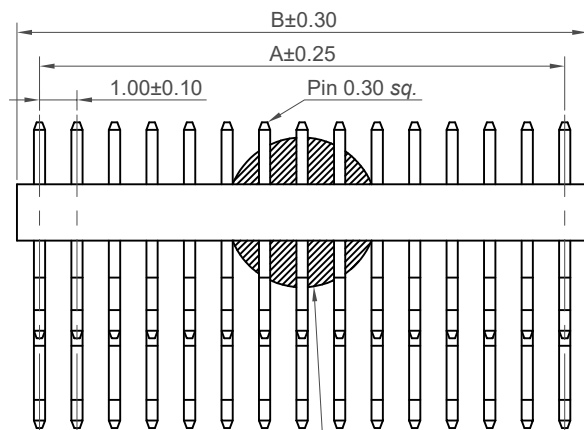
Wave: 250°C for 5-10 sec

Manual Solder: 350°C for 3-5 sec

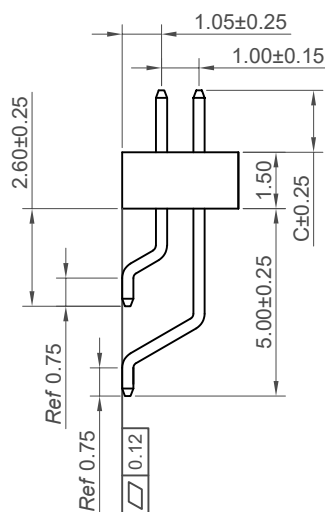
Mates with (Subject to pin length)

BC084 BC085

Contacts	Dimensions	
	A	B
4	1.00	2.20
6	2.00	3.20
8	3.00	4.20
10	4.00	5.20
12	5.00	6.20
14	6.00	7.20
16	7.00	8.20
18	8.00	9.20
20	9.00	10.20
22	10.00	11.20
24	11.00	12.20
26	12.00	13.20
28	13.00	14.20
30	14.00	15.20



Film $\varnothing = 3.00\text{mm}$ (04-06 Contacts)
 $\varnothing = 4.00\text{mm}$ (08-30 Contacts)
Thickness = 0.15mm (All)



Ordering Grid

BC057-XX-A-A-XXXX-L-X Request Samples and Quotation

No. of Contacts
04 to 30

Contact Plating

A = Gold Flash All Over (Standard)

Insulator Width

A = 1.50mm

Packing Options

C = Tape & Reel with Film (04-30 contacts)

Insulator Material

L = LCP (Standard)

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

0150 = 1.50mm (Standard)

or specify Dimension C

eg 0250 = 2.50mm

(Maximum 0600=6.00mm)

(Minimum 0100=1.00mm)

Part Number		Product Description	
BC057		1.0mm Pitch Pin Header, Dual Row,	
Drawing Date		Surface Mount, Horizontal	
9th September 2009			
By	KY	Tolerances (Except as Noted)	Units:
Detail	BC057	Length	Metric (mm)
	I PCN	Angle	
Revision	13	X. ± 0.30	X.° $\pm 5^\circ$
Date	21/06/24	X.X ± 0.25	X.X° $\pm 3^\circ$
		X.XX ± 0.15	X.XX° $\pm 2^\circ$
		X.XXX ± 0.10	X.XXX° $\pm 1^\circ$



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



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

GCT
www.gct.co

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[GCT:](#)

[BC057-26-A-A-0250-L-C](#) [BC057-12-A-A-0150-L-C](#) [BC057-04-A-A-0150-L-C](#) [BC057-06-A-A-0150-L-C](#) [BC057-08-A-A-0150-L-C](#) [BC057-10-A-A-0150-L-C](#) [BC057-14-A-A-0150-L-C](#) [BC057-16-A-A-0150-L-C](#) [BC057-18-A-A-0150-L-C](#) [BC057-20-A-A-0150-L-C](#)