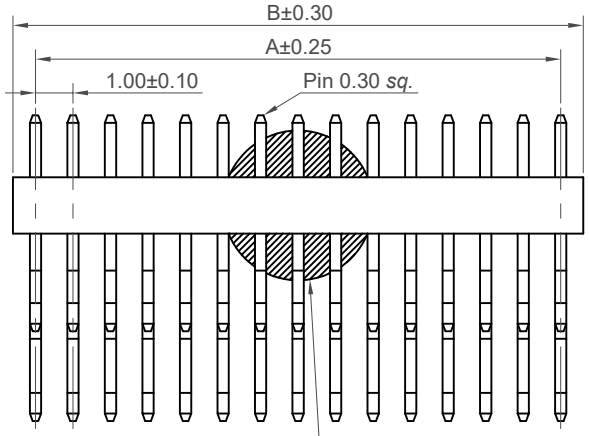
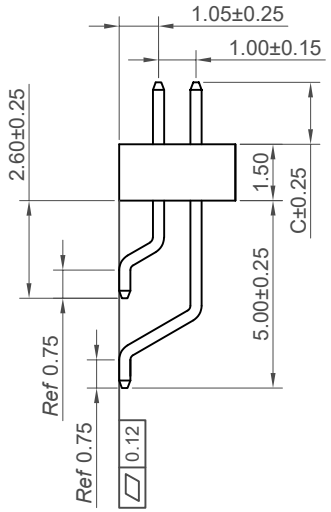
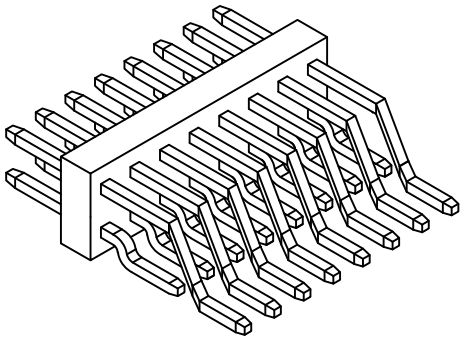


Recommended PCB Layout
(Tolerance: ±0.05)

Solder Area







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

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 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

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

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)

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

Insulator Material
L = LCP (Standard)

Part Number: BC057		Product Description: 1.0mm Pitch Pin Header, Dual Row, Surface Mount, Horizontal				
Drawing Date: 9th September 2009						
By	KY	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	© 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	BC057 I PCN	X. ± 0.30	X.° ± 5°			
		X.X ± 0.25	X.X° ± 3°			
Revision	I3	X.XX ± 0.15	X.XX° ± 2°	3rd Angle Projection		
Date	21/06/24	X.XXX ± 0.10	X.XXX° ± 1°			

GCT www.gct.co

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Global Connector Technology:

05-15-A-0254-A-4-06-4-T BG300-04-A-L-A USB3510-30-C USB4140-GF-0230-C 05-08-A-0050-A-4-06-4-T 05-28-A-0203-A-4-06-4-T 10-15-A-0101-C-4-08-4-T BF121-18-A-0-L-C 05-40-D-0076-A-4-06-4-T BD125-30-A-0305-0580-L-B BF030-06A-B0-0360-0277-0600-L-B BF100-12-A-D-0-0640-L-C USB4500-03-0-A 05-32-A-0050-A-4-06-4-T BF030-06A-B0-0200-0277-0600-L-B 10-16-D-0101-C-4-08-4-T BF121-04-A-0-L-C BG125-05-A-1-1-0440-N-D 05-14-A-0203-A-4-06-4-T BF135-18-A-0200-0700-0400-L-C USB4510-03-1-A 05-10-A-0279-A-4-06-4-T 05-22-A-0050-A-4-06-4-T BC075-04-A-L-A FFC2B35-24-T 05-12-D-0304-A-4-06-4-T 05-30-D-0050-A-4-06-4-T BD080-10-A-0230-L-D BF100-20-A-D-0-0640-L-C FFC3A20-13-G