

Recommended PCB Layout
Tolerance: ±0.05
Solder Area

| No. of Contacts | Dimensions | |
|-----------------|------------|-------|
| | A | B |
| 2 | 1.00 | 2.00 |
| 3 | 2.00 | 3.00 |
| 4 | 3.00 | 4.00 |
| 5 | 4.00 | 5.00 |
| 6 | 5.00 | 6.00 |
| 7 | 6.00 | 7.00 |
| 8 | 7.00 | 8.00 |
| 9 | 8.00 | 9.00 |
| 10 | 9.00 | 10.00 |
| 11 | 10.00 | 11.00 |
| 12 | 11.00 | 12.00 |
| 13 | 12.00 | 13.00 |
| 14 | 13.00 | 14.00 |
| 15 | 14.00 | 15.00 |
| 16 | 15.00 | 16.00 |
| 17 | 16.00 | 17.00 |
| 18 | 17.00 | 18.00 |
| 19 | 18.00 | 19.00 |
| 20 | 19.00 | 20.00 |
| 21 | 20.00 | 21.00 |
| 22 | 21.00 | 22.00 |
| 23 | 22.00 | 23.00 |
| 24 | 23.00 | 24.00 |
| 25 | 24.00 | 25.00 |
| 26 | 25.00 | 26.00 |
| 27 | 26.00 | 27.00 |
| 28 | 27.00 | 28.00 |
| 29 | 28.00 | 29.00 |
| 30 | 29.00 | 30.00 |
| 31 | 30.00 | 31.00 |
| 32 | 31.00 | 32.00 |
| 33 | 32.00 | 33.00 |
| 34 | 33.00 | 34.00 |
| 35 | 34.00 | 35.00 |
| 36 | 35.00 | 36.00 |
| 37 | 36.00 | 37.00 |
| 38 | 37.00 | 38.00 |
| 39 | 38.00 | 39.00 |
| 40 | 39.00 | 40.00 |

Specifications

Material

Contact: Phosphor Bronze
Insulator: Polymer, LCP, UL 94-V0

Electrical

Current Rating: 1 Amp Per Pin
Insulation Resistance: 1000 MΩ min
Contact Resistance: 20 mΩ max.
Dielectric Withstand Voltage: AC 300 V

Mechanical & Environmental

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

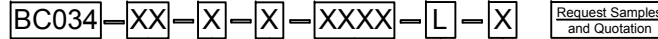
Soldering Process:

LCP (Standard) -
IR Reflow: 260°C for 10 sec.
Manual Solder: 350°C for 3-5 sec

Mates with (Subject to pin length)

BC065 BC070 BC075
Perfect Planar Mating with (Only Insulator Height V=1.50mm)
BC075

Ordering Grid



No. of Contacts
02 to 40

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

Dimension H (1/100mm) (Insulator Height)
V = 1.50mm (Standard)
K = 1.27mm

Packing Options

C = Tape and Reel with Film (Standard)
D = Tube (unavailable in 2, 3 and 4 contacts)
E = Tube with Cap (unavailable in 2, 3 and 4 contacts)
G = Plastic Box (only available in 2, 3 and 4 contacts)

Insulator Material
L = LCP (Standard)

Dimension C (1/100mm) (Post Length)
0150 = 1.50mm (Standard)
or specify Custom Post Length
e.g. 2.50mm = 0250
Tol +/- 0.2mm
(Maximum 0600=6.00 mm)
(Minimum 0100=1.00 mm)

| | | | |
|--------------|----------------|--|----------------------|
| Part Number | | Product Description | |
| BC034 | | 1.00mm Pitch Pin Header, Single Row, Surface Mount, Horizontal | |
| Drawing Date | | 20th May 2008 | |
| By | CC | Tolerances (Except as Noted) | Units: |
| Detail | BC034 E PCN | Length X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10 | Metric (mm) |
| Revision | E2 | Angle X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1° | 3rd Angle Projection |
| Date | 20/10/17 | | |



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

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