

**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

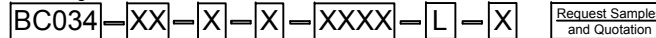
**Soldering Process:**

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		



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



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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:*

*Click to view products by [GCT](#) manufacturer:*

Other Similar products are found below :

[589158040000018](#) [MDF7C-18P-2.54DSA\(55\)](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [FX4C-80S-1.27DSA](#) [FCN-214Q030-G/0](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [210-93-314-41-105000](#) [2-22603-0](#) [MDF7-40DP-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#) [MIT-114-03-F-D-K](#) [55323-1519](#) [DF33-2P-3.3DSA\(24\)](#) [YFT-20-05-H-03-SB-K](#) [503308-3040](#) [026-6203-PDB](#) [027-6203-PDB](#) [069159702701000](#) [10123981-102LF](#) [101A10019X](#) [55650-0588-C](#) [68684-306](#) [75140-7012](#) [589159005003045](#) [063209](#) [194261-1](#) [FCN-268F024-G0D](#) [10124054-515LF](#) [68685-603](#) [8-1616154-3](#) [MIS-019-01-F-D](#) [589159005002045](#) [541371078](#) [IL-WX-10PB-HF-B-E1000E](#) [FCN-268M024-G/3D](#) [20021832-06016C1LF](#) [KX15-20KLDL-E1000E](#) [MDF7-16DP-2.54DSA\(55\)](#) [AXE810124](#) [FCN-214J100-G/0](#) [FCN-230C068-E/S](#)