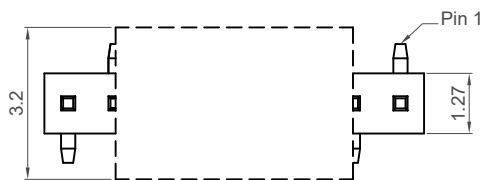
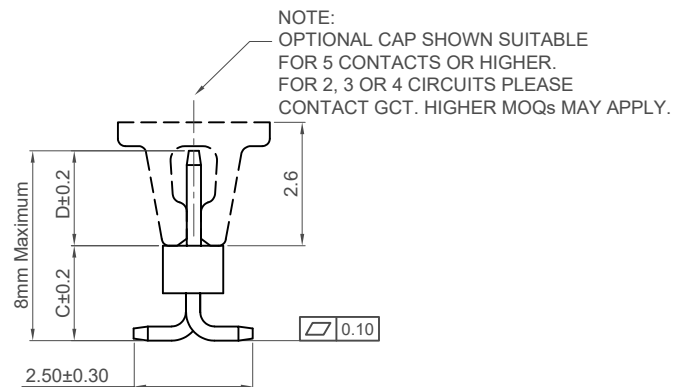
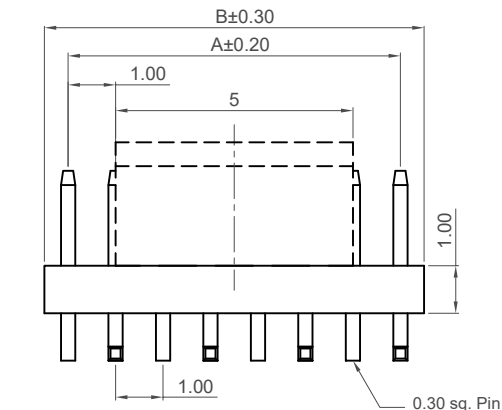
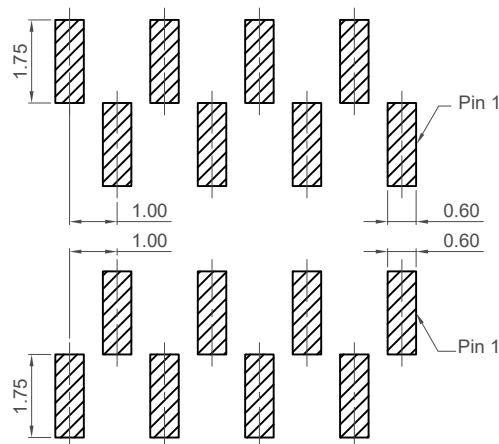


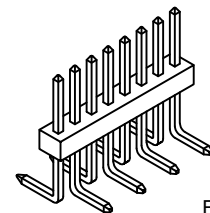
H
G
F
E
D
C
B
A



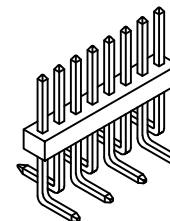
B1 TYPE



B2 TYPE



B1 TYPE



B2 TYPE

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 94V-0, Black

Plating

Gold Flash All Over

Electrical

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

Soldering Process:

IR Reflow: 260°C for 10 sec.
Wave: 250°C for 5-10 sec
Manual Solder: 350°C for 3-5 sec

Mechanical & Environmental

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

Mates with(Subject to pin length):

BC065 BC070 BC075

Recommended PCB Layout

General Tolerance ±0.05



Ordering Grid

BC032-XX-A-X-XXXX-XXXX-L-X

No. of Contacts
02 to 40

Contact Plating
A = Gold Flash All Over (Standard)

Type
2 = B2 Type (Standard)
1 = B1 Type

Dimension C (1/100mm)
(Bottom of Pin to Top of Insulator)
0200 = 2.00mm (Standard)
or specify Dimension C
eg 0250 = 2.50mm
(Minimum 0150=1.50mm)

Request Samples
and Quotation

Packing Options

B = Tape and Reel with Cap (Standard) - See note above
D = Tube (unavailable in 2 & 3 contacts)
E = Tube with Cap (unavailable in 2, 3, 4, 5 contacts)
G = Plastic Box (only available in 2 & 3 contacts)

Insulator Material
L = LCP (Standard)

Dimension D (1/100mm) (Post Height)
0200 = 2.00mm (Standard)
0380 = 3.80mm (Standard)
or specify Dimension D
eg 0250 = 2.50mm
(Maximum 0500=5.00mm)
(Minimum 0100=1.00mm)

Part Number BC032		Product Description 1.0mm Pitch Pin Header, Single Row, Surface Mount, Vertical	
Drawing Date 20th May 2008			
By Detail	KY BC032 F PCN	Tolerances (Except as Noted) 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 Date	F2 18/06/24	Units: Metric (mm)	3rd Angle Projection



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