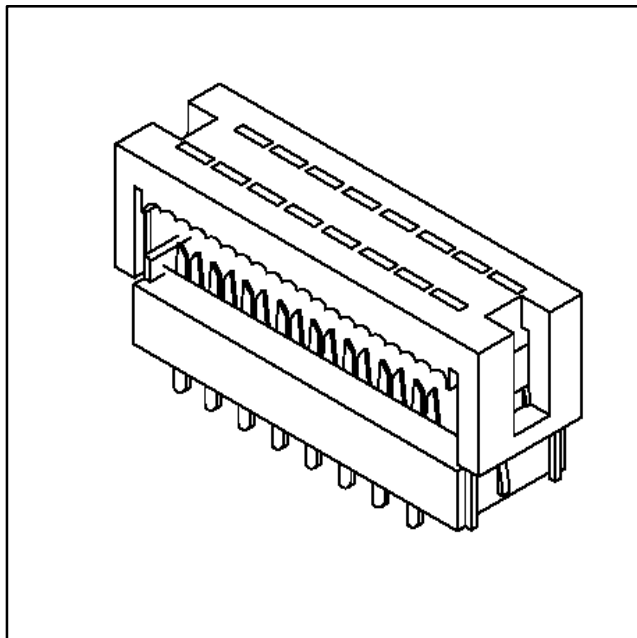


3M™ Pak 100 PCB

.100" × .100" Two Row

994 Series



- Fits standard .100" × .100" header layout
- Uses less board area than 4-row design
- Preassembled cover for fast termination

Date Modified: April 29, 2004

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Sheet 1 of 3

Physical

Insulation

Material: Glass Filled Thermoplastic
Flammability: UL 94V-0
Color: Black

Contact

Material: Copper Alloy

Plating

Underplating: 50-90 μ" [1.25-2.25 μm] Nickel
U-Slot and Solder Tails: 100-200 μ" [2.5-5.0 μm] [90/10] Tin-Lead
Wire Accommodation: 28 AWG Stranded, PVC insulation, Gray or color-coded construction
Marking: 3M logo

Electrical

Current Rating: 1.0 A
Insulation Resistance: >1,000 MΩ min. at 500 VDC
Withstanding Voltage 650 VAC for 1 minute

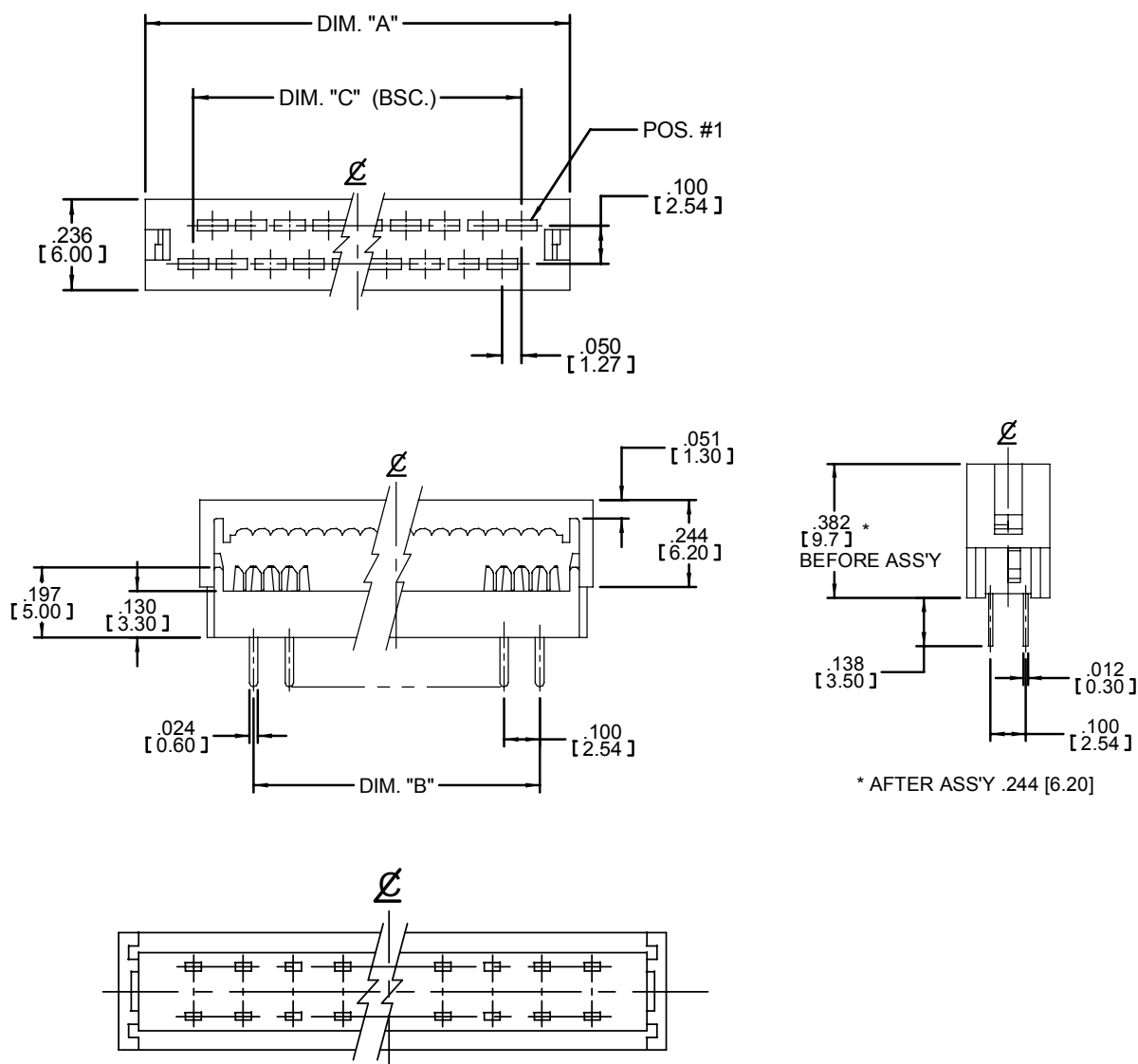
Environmental

Temperature Rating: -55°C to +105°C

UL File No.: E68080

3M
Interconnect Solutions
<http://www.3M.com/interconnects/>

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Notes:

1. Use locator plate 3443-101R
2. Locator plate 3443-101M requires installation of modification kit to assemble product

Inch
[mm]

Tolerance Unless Noted			
	.0	.00	.000
Inch	± .1	± .01	± .005

[] Dimensions for
Reference Only

Ordering Information

994XX-0016T

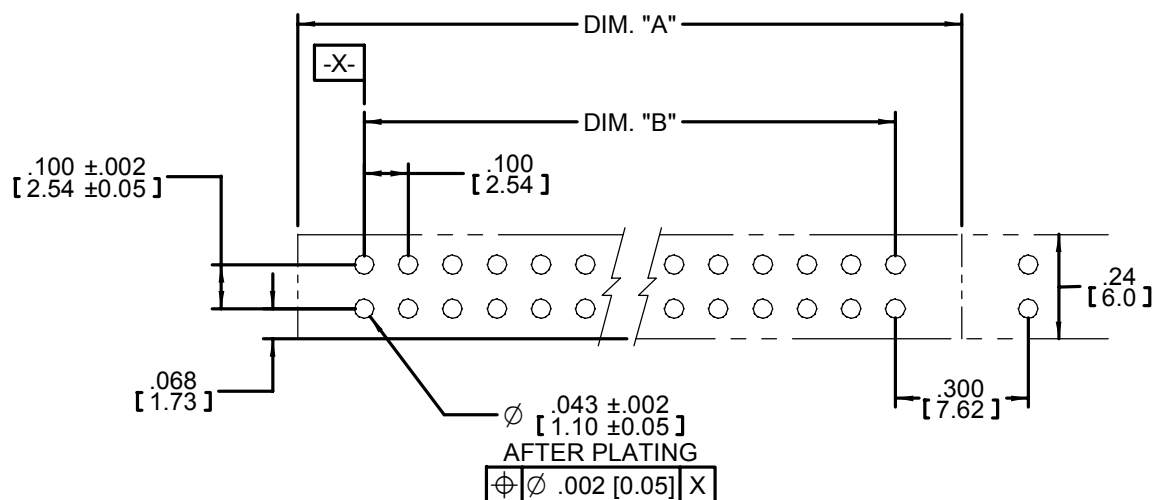
Pin Quantity
See table

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Sheet 2 of 3

Pin Quantity	A	B	C
10	0.689	0.400	0.450
	[17.50]	[10.16]	[11.43]
14	0.889	0.600	0.650
	[22.58]	[15.24]	[16.51]
16	0.989	0.700	0.750
	[25.12]	[17.78]	[19.05]
20	1.189	0.900	0.950
	[30.20]	[22.86]	[24.13]
24	1.389	1.100	1.150
	[35.28]	[27.94]	[29.21]
26	1.489	1.200	1.250
	[37.82]	[30.48]	[31.75]

Pin Quantity	A	B	C
30	1.689	1.400	1.450
	[42.90]	[35.56]	[36.83]
34	1.889	1.600	1.650
	[47.98]	[40.64]	[41.91]
36	1.989	1.700	1.750
	[50.52]	[43.18]	[44.45]
40	2.189	1.900	1.950
	[55.60]	[48.26]	[49.53]
50	2.689	2.400	2.450
	[68.30]	[60.96]	[62.23]
60	3.189	2.900	2.950
	[81.00]	[73.66]	[74.93]

PC Board Footprint



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 Sheet 3 of 3

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