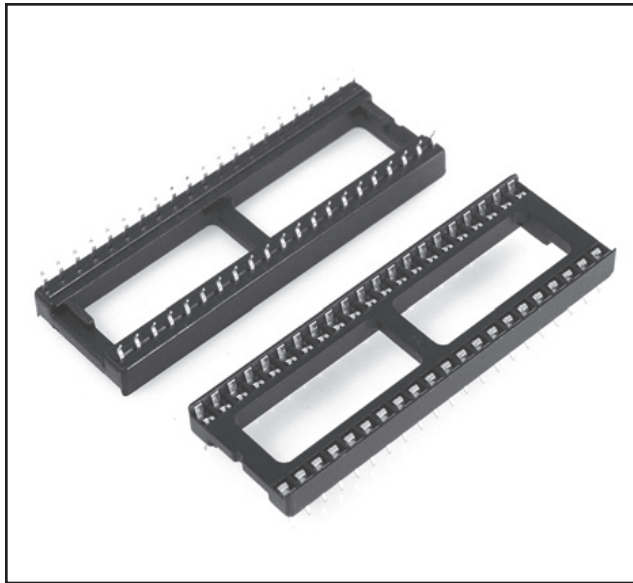


3M™ DIP Socket

Stamped and Formed, Dual-Wipe

4800 Series



- Dual leaf, high compression contact provides reliable termination
- Automatic insertion option is compatible with most insertion equipment
- Side and end stackable
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS Compliance" section of www.3mconnector.com for compliance information (RIA E1 and C1 Apply)

Date Modified: April 19, 2011

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Sheet 1 of 2

Physical

Marking **Insulation Material:** Polyester Glass Filled

Flammability: UL 94V-0

Color: Black

Contact Material Phosphor Bronze

Underplating: 35 μ " [0.89 μ m] min. Nickel overall

Surface Plating: 135 μ " [3.43 μ m] min. Matte Tin

Insertion/Withdrawl Forces

Insertion Force: 340 grams max. per contact

Withdrawl Force: 80 grams min. per contact

Acceptable Pin Sizes

Diameter: .010" - .011" [0.25 mm - 0.27 mm]

Length: .100" - .130" [2.54 mm - 3.30 mm]

Mounting Information

Hole Diameter: .035" - .043" [0.90 mm - 1.10 mm]

Marking None

Electrical

Current Rating: 1 A

Insulation Resistance: 5,000 M Ω at 500 V_{DC}

Withstanding Voltage: 100 V_{AC} for 1 minute

Environmental

Temperature Rating: -25°C to +85°C

Process Rating: 260°C max. wave solder reflow only



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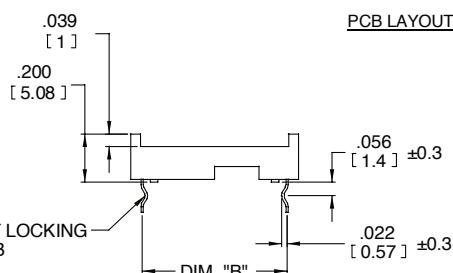
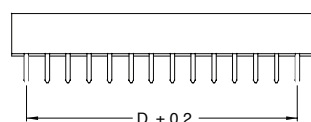
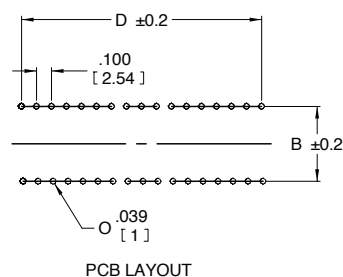
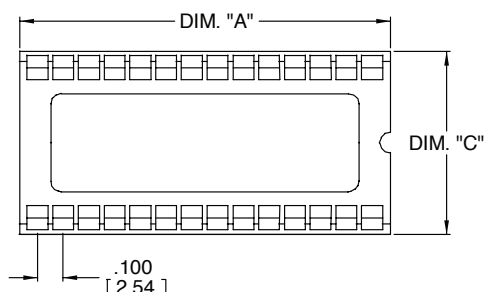
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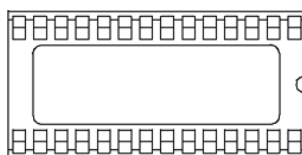
Stamped and Formed, Dual-Wipe

4800 Series

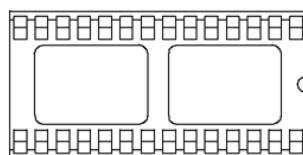
Contact Quantity	Dimension A	Dimension B	Dimension C	Dimension D	Body Style
8	.395 [10.03]	.300 [7.62]	.400 [10.16]	.300 [7.62]	A
14	.695 [17.65]	.300 [7.62]	.400 [10.16]	.600 [15.24]	A
16	.795 [20.19]	.300 [7.62]	.400 [10.16]	.700 [17.78]	A
18	.895 [22.73]	.300 [7.62]	.400 [10.16]	.800 [20.32]	A
20	.995 [25.27]	.300 [7.62]	.400 [10.16]	.900 [22.86]	A
24	1.195 [30.35]	.300 [7.62]	.400 [10.16]	1.100 [27.94]	A
24	1.195 [30.35]	.600 [15.24]	.700 [17.78]	1.100 [27.94]	B
28	1.395 [35.43]	.300 [7.62]	.400 [10.16]	1.300 [33.02]	B
28	1.395 [35.43]	.600 [15.24]	.700 [17.78]	1.300 [33.02]	B
32	1.595 [40.51]	.600 [15.24]	.700 [17.78]	1.500 [38.10]	B
40	1.995 [50.67]	.600 [15.24]	.700 [17.78]	1.900 [48.26]	B
42	2.100 [53.34]	.600 [15.24]	.700 [17.78]	2.000 [50.80]	B
48	2.395 [60.83]	.600 [15.24]	.700 [17.78]	2.300 [58.42]	B



SELF LOCKING BARB



Body Style "A"



Body Style "B"

Note: Suitable for "lead free" wave solder only. NOT FOR REFLOW SOLDER PROCESSES.



Inch
[mm]

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

[] Dimensions for Reference Only

Ordering Information

48XX - X00X - CP

Contact Quantity
(See Table)

Row Spacing:
3 = .300 [7.62]
6 = .600 [15.24]
(See Table)

Tail:
0 = Straight
4 = Kinked

TS-1099-B
Sheet 2 of 2



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