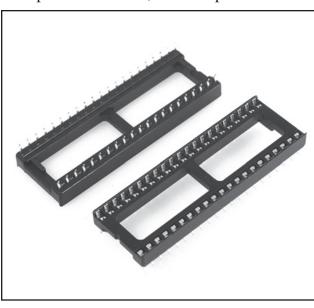
3M[™] DIP Socket

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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Physical

MarkingInsulation Material: Polyester Glass Filled

Flammability: UL 94V-0 Color: Black

Contact Material Phosphor Bronze

Underplating: $35 \mu'' [0.89 \mu m] min$. Nickel overall Surface Plating: $135 \mu'' [3.43 \mu m] min$. 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: 1A

Insulation Resistance: $5,000 \text{ M}\Omega$ at 500 V_{DC} **Withstanding Voltage:** 100 V_{AC} for 1 minute

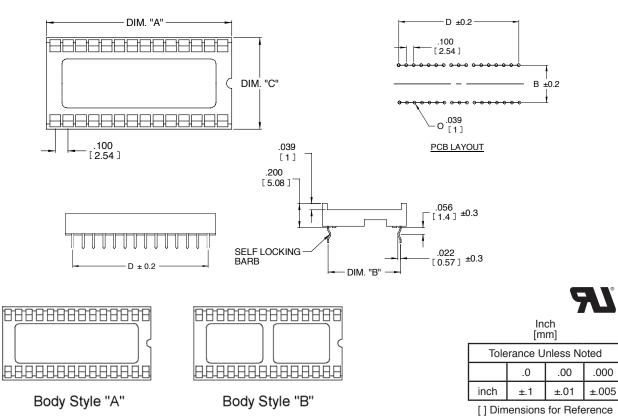
Environmental

Temperature Rating: -25° C to $+85^{\circ}$ C

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

Stamped and Formed, Dual-Wipe

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



Ordering Information

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

Tail:

| See Table | Row Spacing: | Tail: | 0 = Straight | 4 = Kinked | (See Table) | (See Table) | | (See Tab

TS-1099-B Sheet 2 of 2

Only