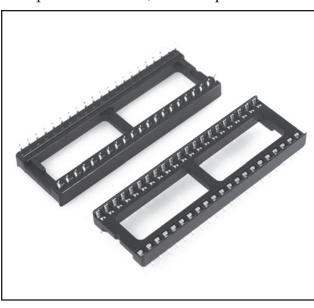
# 3M<sup>™</sup> DIP Socket

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

TS-1099-B Sheet 1 of 2

## **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  $500 \text{ V}_{DC}$ **Withstanding Voltage:**  $100 \text{ V}_{AC}$  for 1 minute

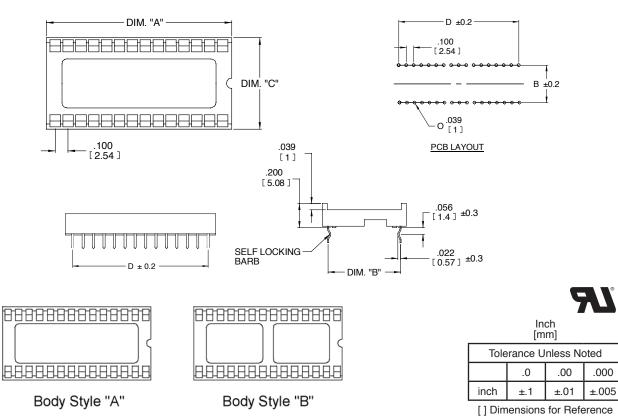
#### **Environmental**

**Temperature Rating:**  $-25^{\circ}$ 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.

A8XX - 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

Only

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