

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

| | |
|-----------------------------------|-------------------------------------------------|
| 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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| 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 |



Body Style "A"



Body Style "B"



Inch
[mm]

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

[] Dimensions for Reference Only

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

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

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- Техническая поддержка проекта;
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Как с нами связаться

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