

# 3M™ SIP Socket

Screw Machine

300 Series



- Standard 32 pin strip can be cut to length
- Reliable four finger contact interface
- Inner contact aligned to maximize contact surface area
- Side and end stackable for board design flexibility
- RoHS\* compliant

Date Modified: August 8, 2008

TS-2117-B  
Sheet 1 of 2

## Physical

**Insulation Material:** Glass Filled Polyester

Flammability: UL 94V-0

Color: Black

**Contact Material:**

Sleeve: Brass

Inner contact: Beryllium Copper

**Plating: Underplating:** 100  $\mu$ " [ 2.54  $\mu$ m ] min. Nickel

Wiping Area: 8  $\mu$ " [ .02  $\mu$ m ] min. Gold

Terminal Area: Gold flash (RoHS compliant)

**Mating Device Leads:**

Rectangular Lead: W 0.38~0.50 mm X T 0.20~0.40 (0.50 mm max Diagonal)

Circular Lead:  $\phi$  0.40~0.50 mm

Length: 29 mm min.

**Marking:** None

## Electrical

**Current Resistance:** < 25m $\Omega$

**Current Rating:** 1 A

**Insulation Resistance:** 1,000 M $\Omega$  at 500 V<sub>DC</sub>

**Withstanding Voltage:** 1000 V<sub>AC</sub> rms for 1 minute

## Environmental

**Temperature Rating:** -65°C to +125°C

**Process Rating:** 260°C MAX for 5 seconds, (Dipping: One time) Not for reflow soldering.

\*"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.



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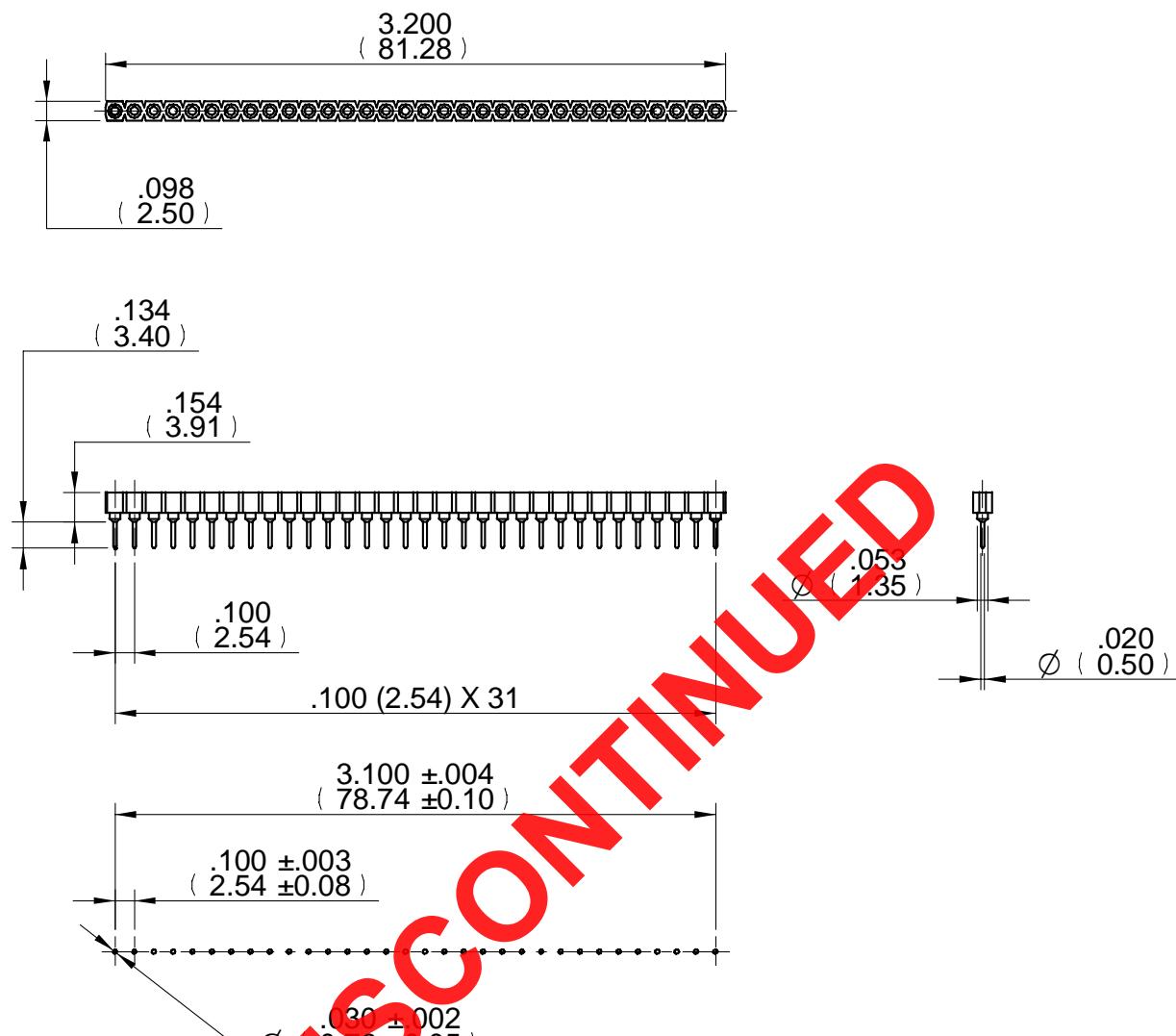
For technical, sales or ordering information call

**800-225-5373**

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Screw Machine

300 Series



Inch

[mm]

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

[ ] Dimensions for Reference  
Only

Note: Not for reflow soldering.

## Ordering Information

**300-0XX-0X0**

Contact Quantity \_\_\_\_\_  
32 Lead standard (contact customer  
service for other lead counts)

Tail plating:  
5 = Gold flash (RoHS compliant)

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Sheet 2 of 2

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### **3M Electronics**

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Minimum 10%  
Post-Consumer Fiber

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