

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 μ " [2.54 μ m] min. Nickel
Wiping Area: 8 μ " [.02 μ 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: ϕ 0.40~0.50 mm
Length: 2.9 mm min.
Marking: None

Electrical

Current Resistance: < 25m Ω
Current Rating: 1 A
Insulation Resistance: 1,000 M Ω at 500 V_{DC}
Withstanding Voltage: 1000 V_{AC} rms for 1 minute

Environmental

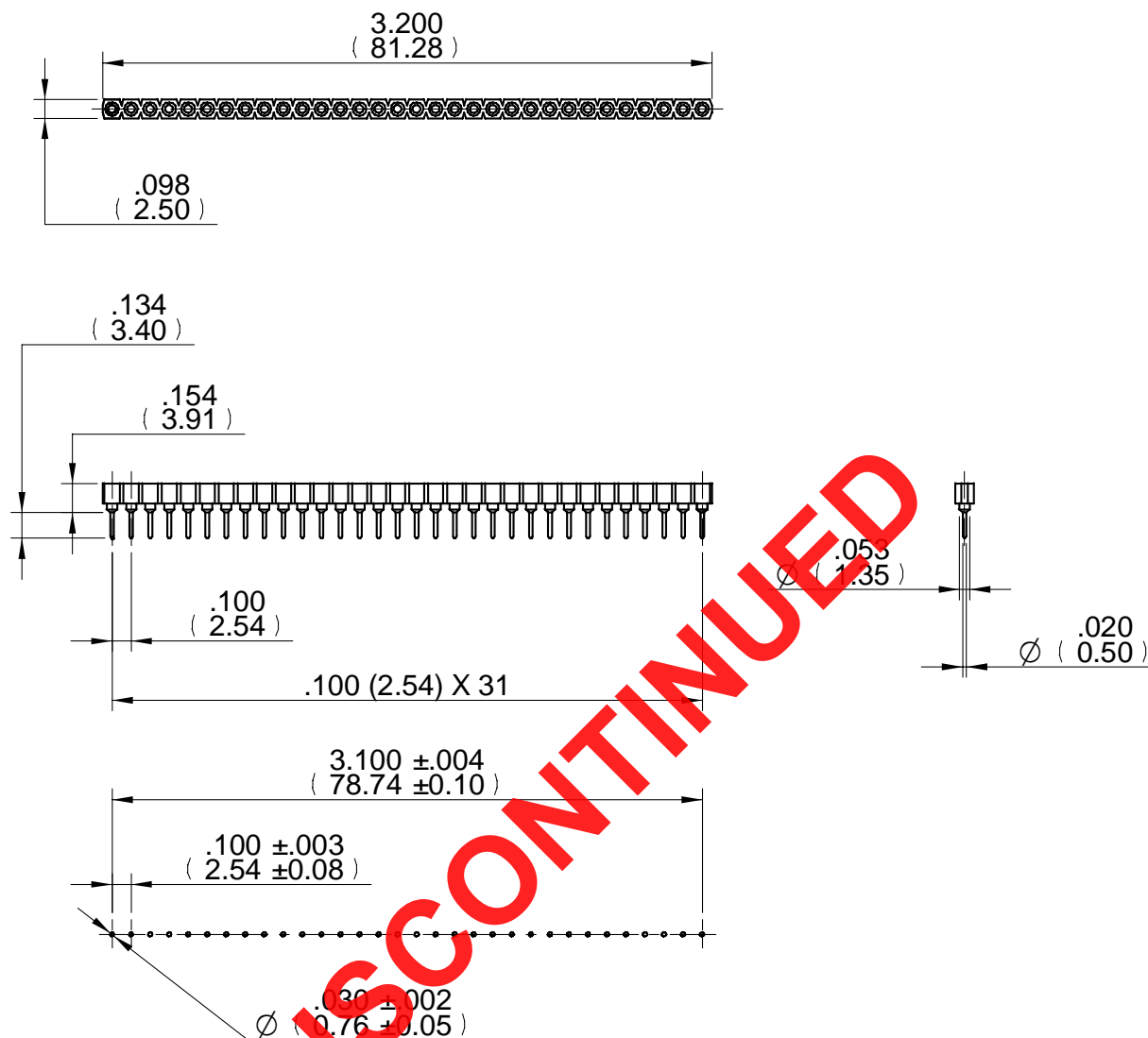
Temperature Rating: -65°C to +125°C
Process Rating: 260°C MAX for 5 seconds, (Dipping: One time) Not for reflow soldering.

**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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DISCONTINUED

Inch
[mm]

Tolerance Unless Noted			
	.0	.00	.000
inch	$\pm .1$	$\pm .01$	$\pm .005$

[] 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



Interconnect Solutions

<http://www.3M.com/interconnects/>

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Minimum 10%
Post-Consumer Fiber

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