# 3M<sup>TM</sup> Polarized Boardmount Socket

## $.100" \times .100"$ Centerbump Polarization with Right Angle Solder Tails

### Centerbump polarization

- · Mates with standard low profile shrouded headers
- Part number on each piece
  - Optional keying plug
  - RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS Compliance" section of www.3Mconnectors.com for compliance information (RIA E1 and C1 apply).

Date Modified: October 14, 2013

TS0414-D Sheet 1 of 2

## Physical

#### Insulation:

Material: Glass Filled Polyester (PBT)
Flammability: UL 94V-0
Color: Gray
Contact:
Material: Copper Alloy
Plating:
Underplating: 2 μm [ 79 μ" ] Nickel
Wiping Area: 0.3 μm [ 12 μ" ] Gold
Solder Tails: Gold Flash
Marking: 3M Logo, Part Identification Number and Orientation Triangle

## **Electrical**

Current Rating:1 AInsulation Resistance: $> 1 \times 10^{9}\Omega$  at  $500 \text{ V}_{DC}$ Withstanding Voltage: $1,000 \text{ V}_{RMS}$  at Sea Level

### Environmental

**Temperature Rating:** -55°C to +105°C

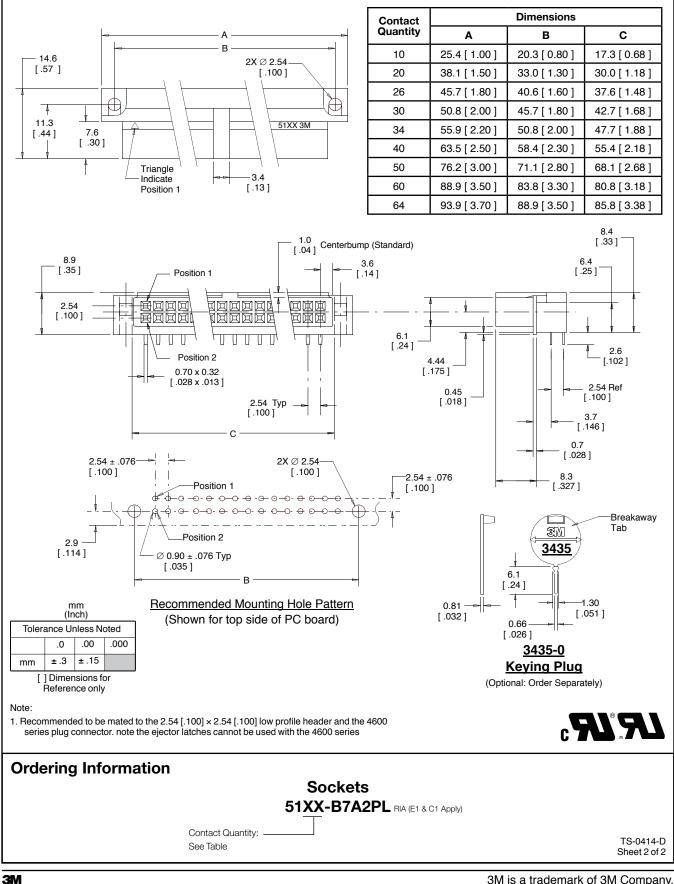
Process Rating: Maximum insulator temperature 191°C (Solder Wave Process Only)

UL File No.: E68080

# 3M<sup>™</sup> Polarized Boardmount Socket

.100" × .100" Centerbump Polarization with Right Angle Solder Tails

5100 Series



**Electronic Solutions Division Interconnect Solutions** http://www.3Mconnectors.com

#### ЗМ

For technical, sales or ordering information call 800-225-5373

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**3M Electronics Solutions Division** 6801 River Place Blvd. Austin, TX 78726-9000 U.S.A. 1-800-225-5373 www.3Mconnectors.com

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