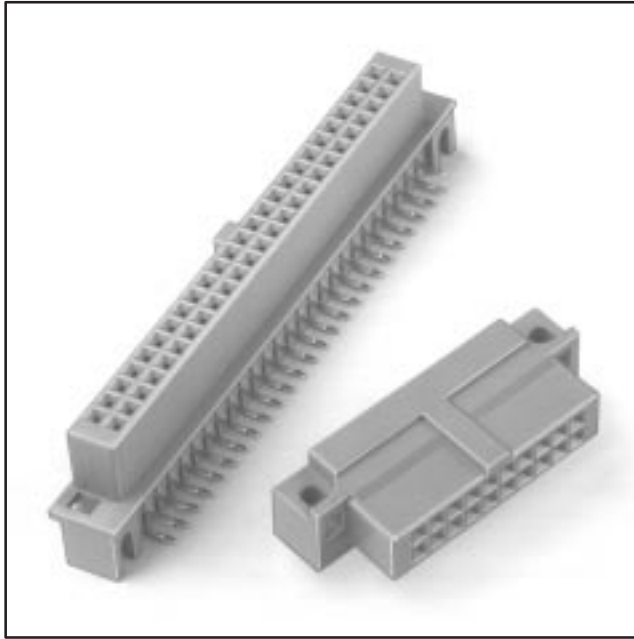


# .100" × .100" Polarized Boardmount Socket

Centerbump Polarization with Right Angle Solder Tails

5100 Series



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## IMPORTANT NOTICE TO PURCHASER

ALL STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE, BUT THE ACCURACY OR COMPLETENESS THEREOF IS NOT GUARANTEED, AND THE FOLLOWING IS MADE IN LIEU OF ALL WARRANTIES, EXPRESSED OR IMPLIED:

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Date Issued: October 22, 1997

TS-0414-08  
Sheet 1 of 2

## Physical

### Insulation

Material: Glass Filled Polyester (PBT)  
Flammability: UL 94V-0  
Color: Gray

### Contact

Material: Copper Alloy  
Plating  
Underplating & U-Slot: 2  $\mu\text{m}$  [ 79  $\mu\text{in}$  ] Nickel — QQ-N-290, Class 2  
Wiping Area: 0.3  $\mu\text{m}$  [ 12  $\mu\text{in}$  ] Gold — MIL-G-45204, Type II, Grade C  
Solder Tails: Tin Lead — MIL-P-81728  
Marking: 3M Logo, Part Identification Number and Orientation Triangle

## Electrical

Current Rating: 1 A  
Insulation Resistance:  $> 1 \times 10^9 \Omega$  at 500 Vdc  
Withstanding Voltage: 1000 Vrms at Sea Level

## Environmental

Temperature Rating:  $-55^\circ\text{C}$  to  $105^\circ\text{C}$

UL File No.: E68080

### 3M Electronic Products Division

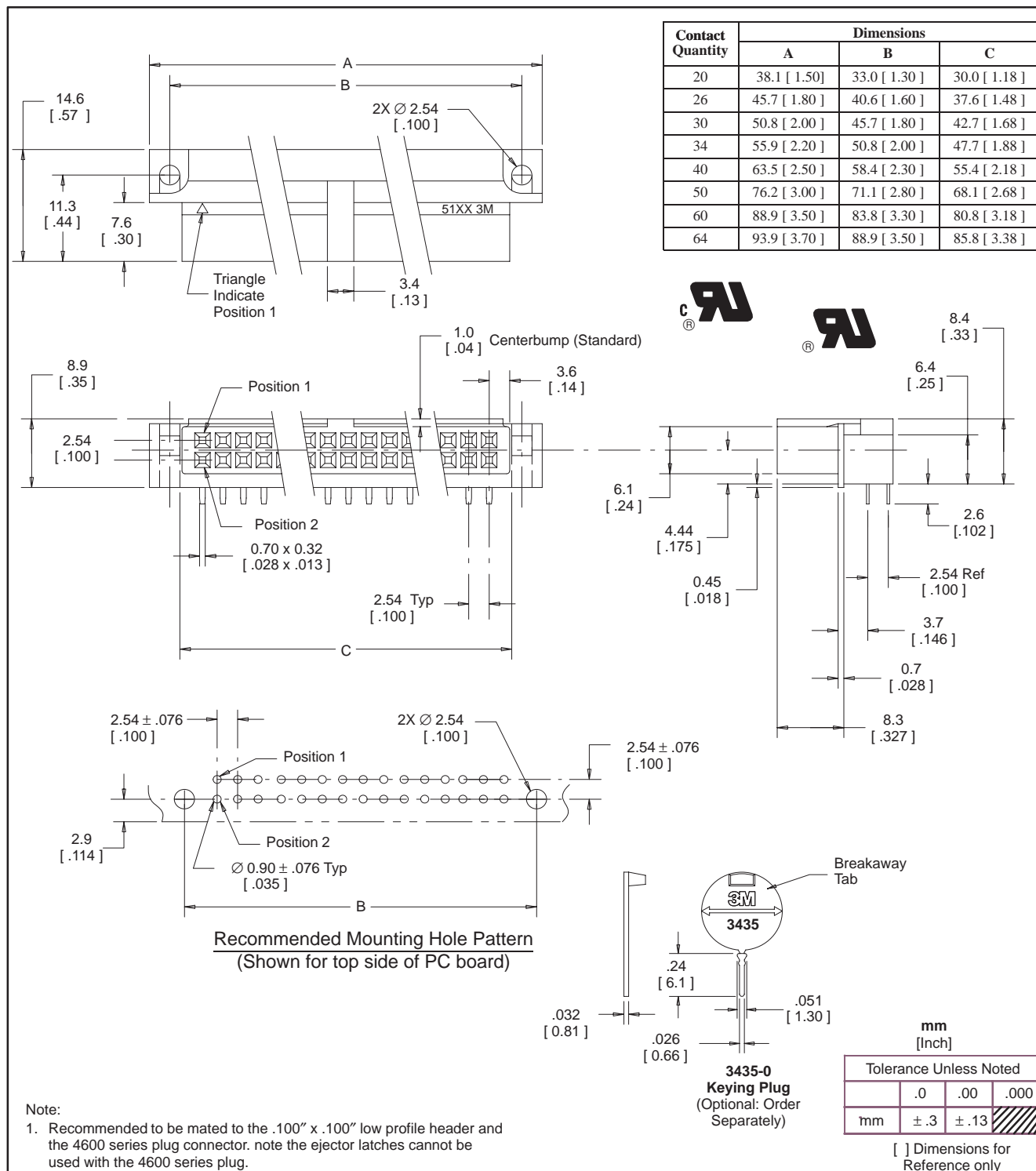
6801 River Place Blvd.  
Austin, TX 78726-9000

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

# .100" × .100" Polarized Boardmount Socket

## Centerbump Polarization with Right Angle Solder Tails

5100 Series



## Ordering Information

**Sockets**  
**51XX-B7A2JL**

Contact Quantity:   
 See Table

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 Sheet 2 of 2

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