

# 3M™ Eurosocket

.100" x .100" Version, Type B (Rows A and B Filled)

62B64 Series



- DIN 41612 compatible
- High density (64 position)
- Mates with DIN 41612 Type B headers
- High reliability contact design
- Can be daisy-chained or end terminated to flat cable
- Optional strain relief with handle
- Available with or without mounting flanges
- RoHS\* compliant

Date Modified: January 28, 2005

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## Physical

### Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

### Contact

Material: Copper Alloy

### Plating:

Underplating and U-Slot: 50  $\mu$ " [ 1.27  $\mu$ m ] Nickel - QQ-N-290, Class 2

Wiping Area: See Ordering Information for specific plating - MIL-G-45204, Type II, Grade C  
(For additional options see Ordering Information)

Wire Accommodation: Stranded or Solid: 26 & 28 AWG, Solid: 30 AWG

Marking: 3M Logo, Part Identification & Contact Position Numbers

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## Electrical

Current Rating: 1 A

Insulation Resistance:  $> 1 \times 10^9 \Omega$  at 500 VDC

Withstanding Voltage: 1000 Vrms at Sea Level

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## Environmental

Temperature Rating: -55°C to +105°C

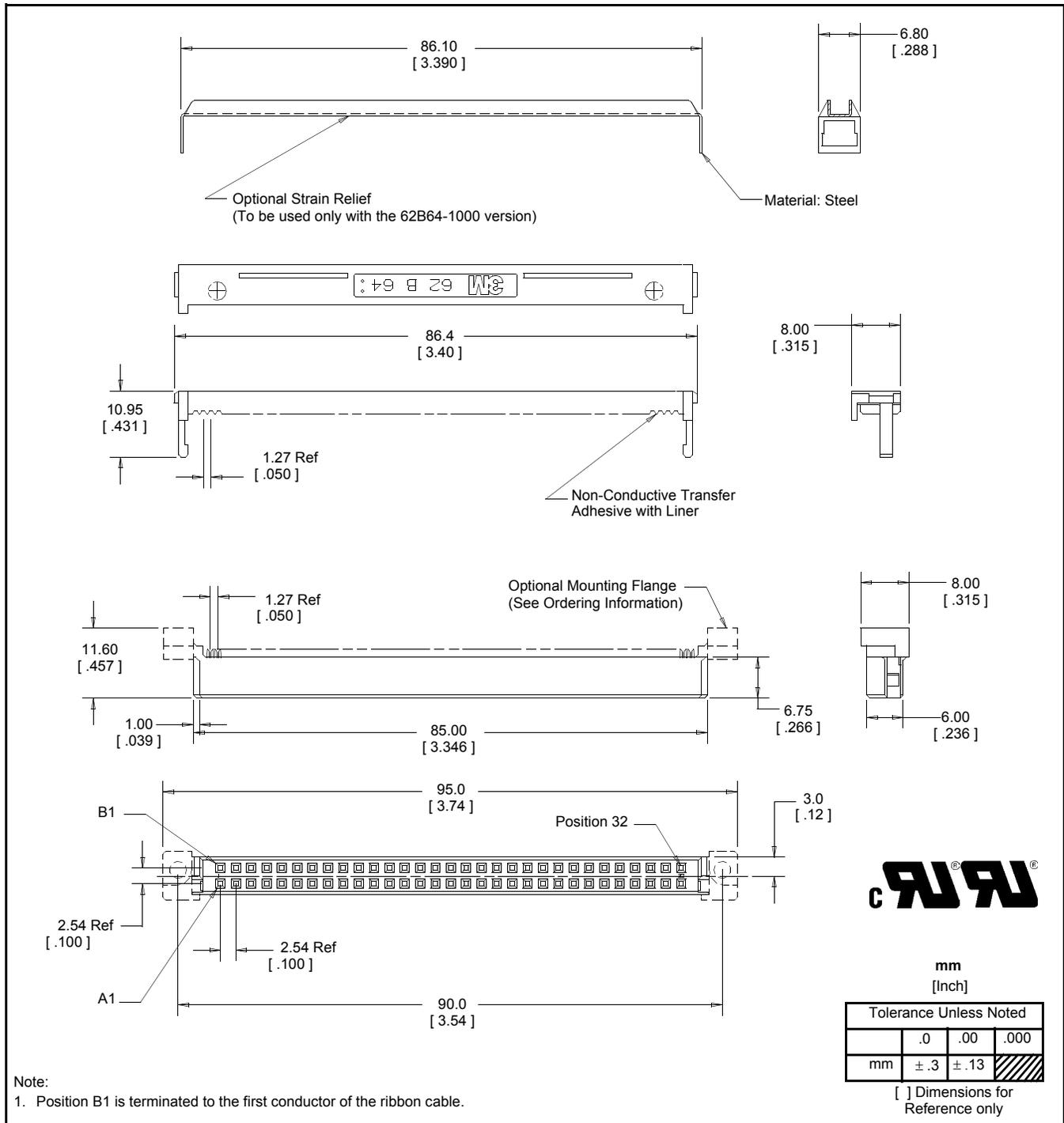
UL File No.: E68080

\*RoHS = Directive 2002/95/EC,  
Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

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Note:

1. Position B1 is terminated to the first conductor of the ribbon cable.

## Ordering Information

**Socket**  
**62B64-100XXX**

Mounting Style  
0 = without Mounting Flange  
1 = with Mounting Flange

Optional Plating:  
ED = 50 μ" [ 1.27 μm ]  
EC = 30 μ" [ 0.76 μm ]  
EJ = 5 μ" [ 0.13 μm ]  
Blank = 20 μ" [ 0.51 μm ]

**Strain Relief**  
**(Order Separately)**  
**3448-6201**

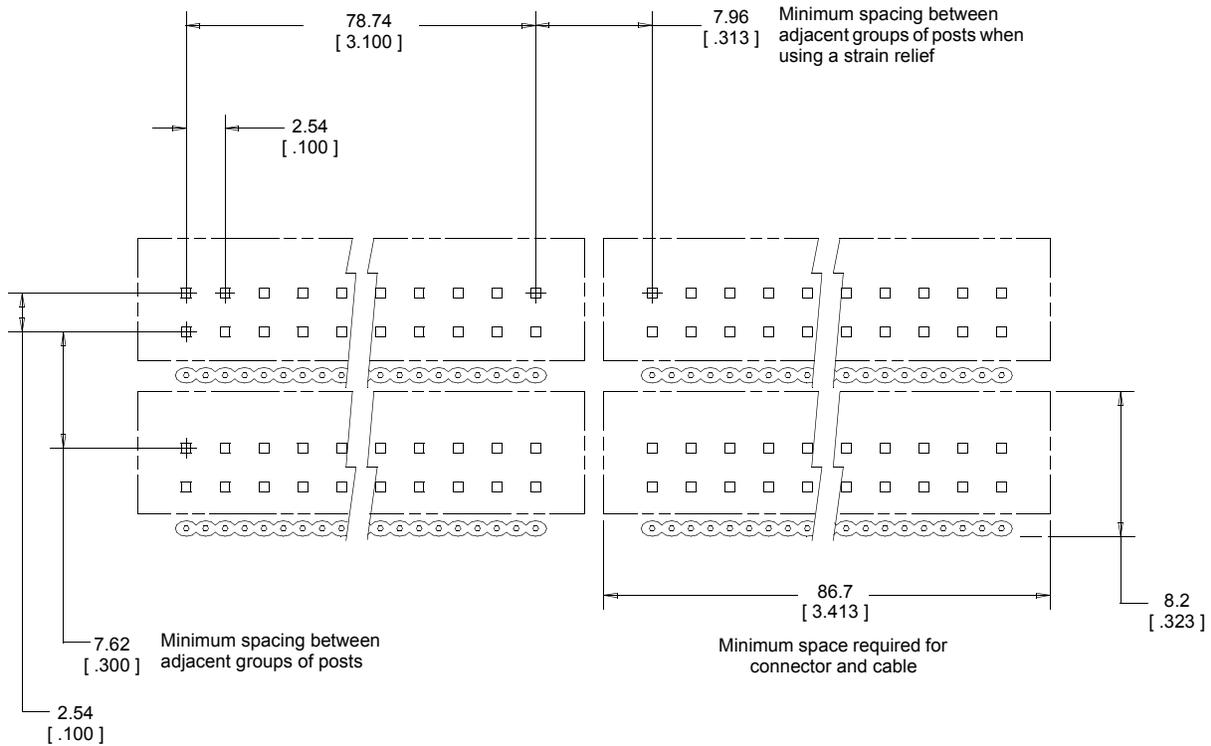
For-1000XXX  
(no mtg flange)  
version only

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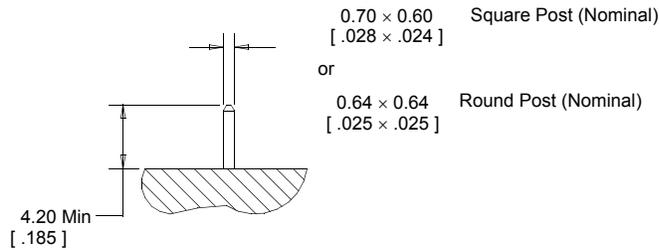
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### Recommended Post Pattern



mm  
[Inch]

Tolerance Unless Noted			
	.0	.00	.000
mm	±.3	±.13	

[ ] Dimensions for Reference only

Note:

1. Ends of posts to be located within 0.25 [.01] TPD at post end.

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# 3M

## Electronic Solutions Division

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