

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

TS-0585-05
Sheet 1 of 3

Physical

Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact

Material: Copper Alloy

Plating:

Underplating and U-Slot: 50 μ " [1.27 μ 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

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°C to +105°C

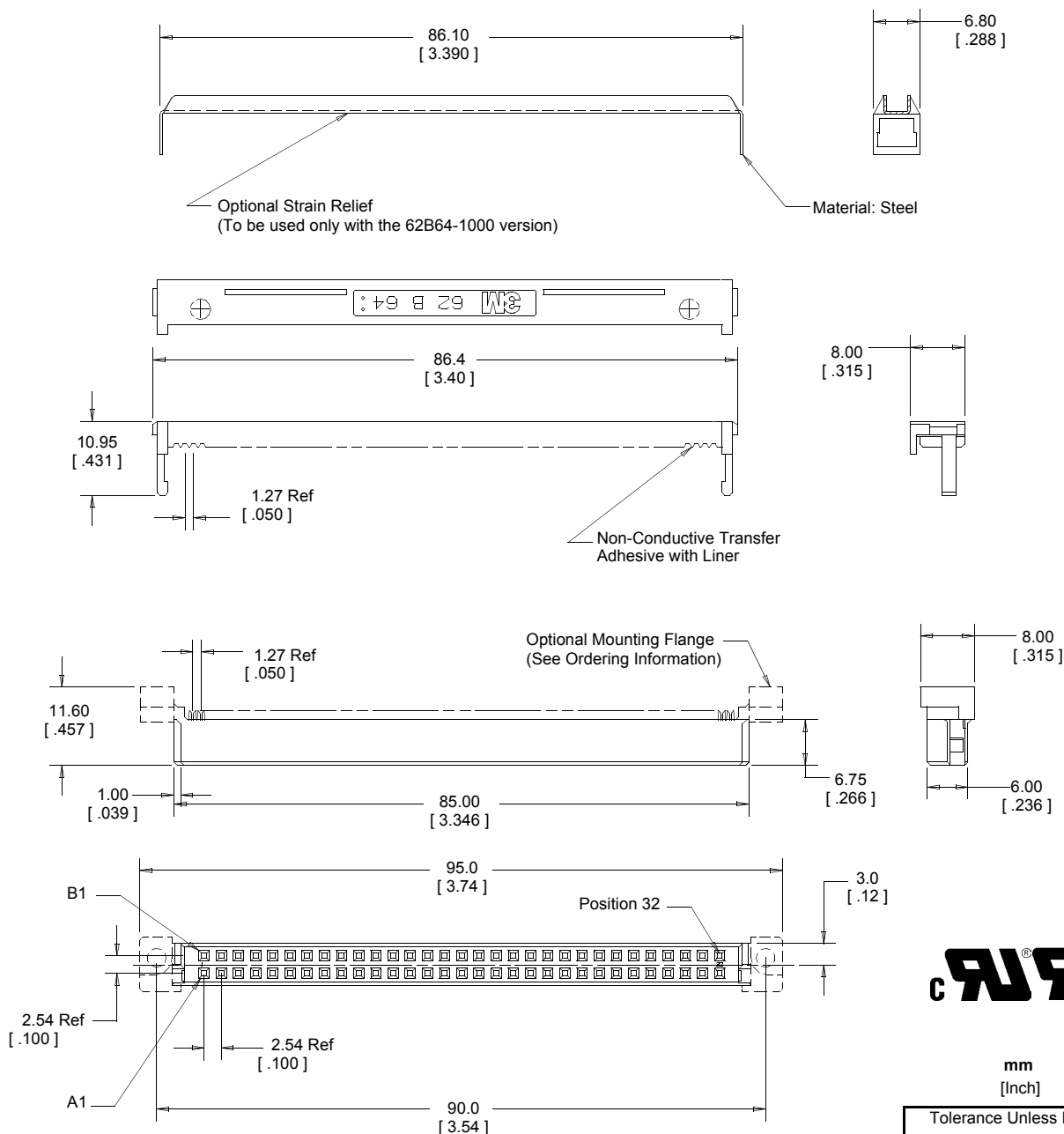
UL File No.: E68080

*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 μ m]
EC = 30 μ " [0.76 μ m]
EJ = 5 μ " [0.13 μ m]
Blank = 20 μ " [0.51 μ m]

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

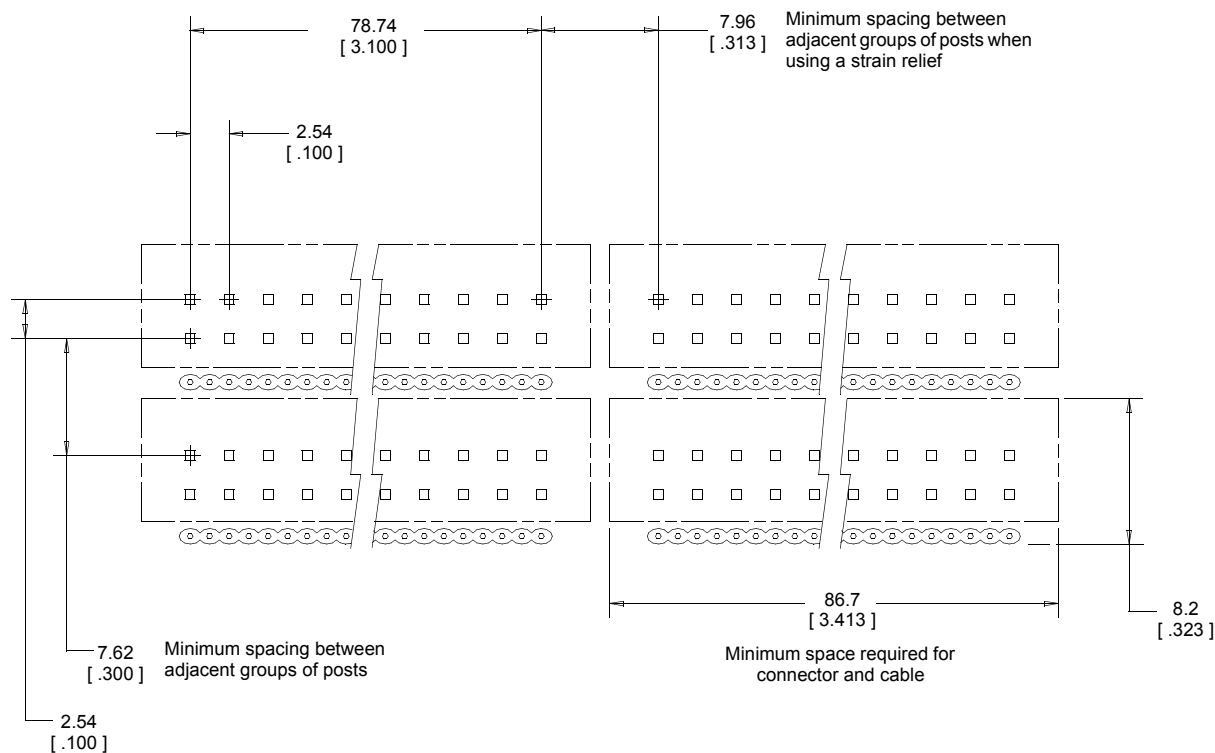
For-1000XXX
(no mtg flange)
version only

TS-0585-05
Sheet 2 of 3

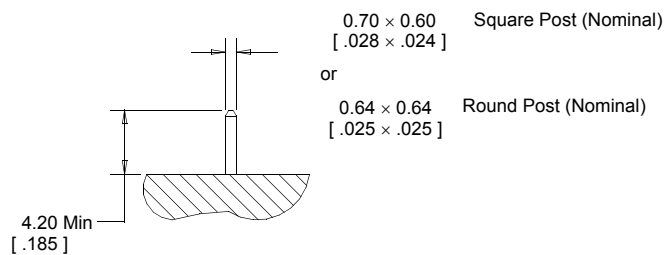
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Recommended Post Pattern



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.

TS-0585-05
Sheet 3 of 3

3M

Interconnect Solutions

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Electronic Solutions Division

6801 River Place Blvd.
Austin, TX 78726-9000
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