

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: March 14, 2006

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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 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

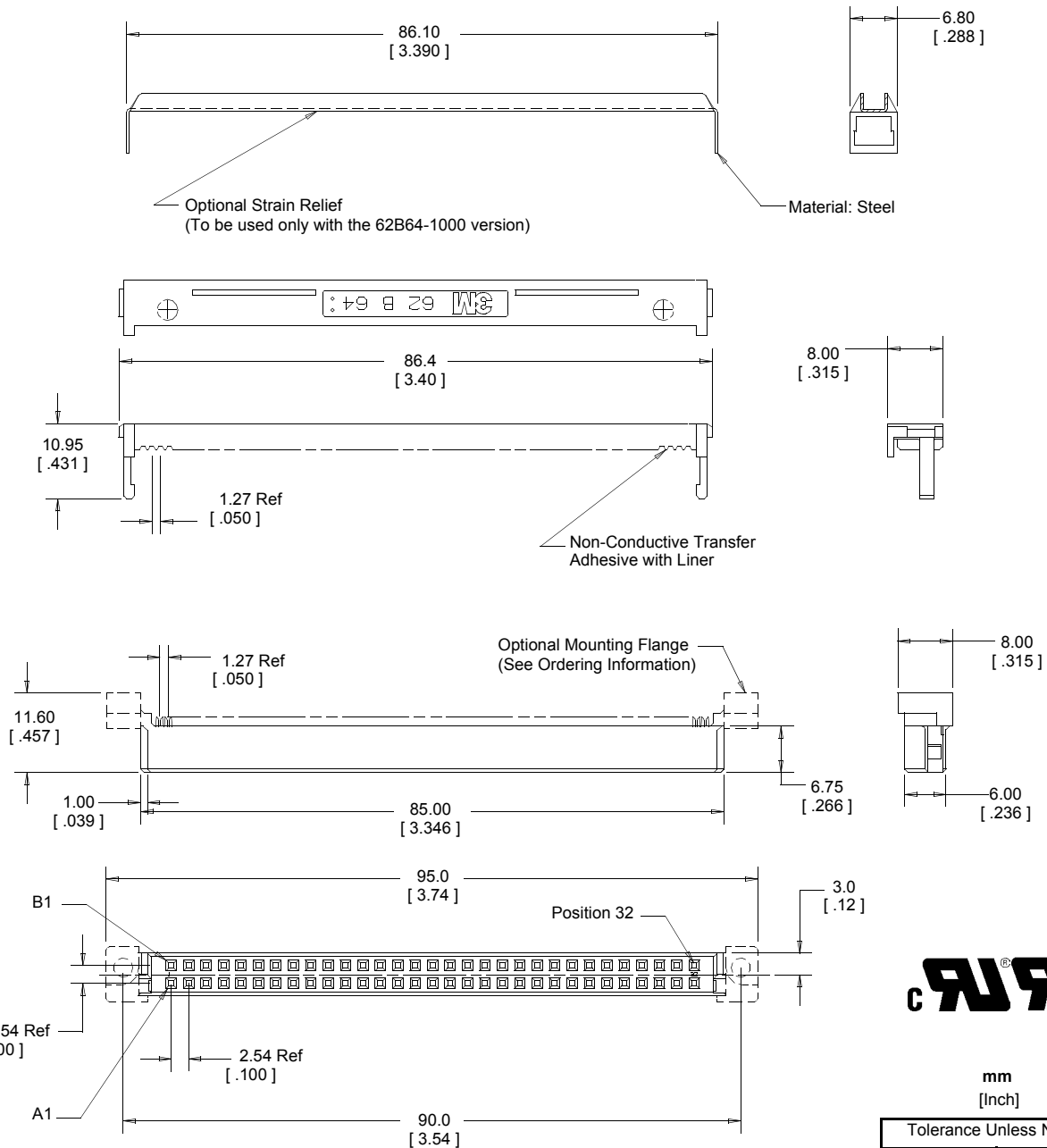
"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent 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.

UL File No.: E68080

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Note:

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

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

[] Dimensions for
Reference only

Ordering Information

Socket
62B64-100XXX

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

Optional Plating:
EC = 30μ" [0.76μm] Au over 50μ"-150μ"
[1.27μm-3.80μm] Ni
Blank = 20μ" [0.51μm] Au over 50μ"-150μ"
[1.27μm-3.80μm] Ni

Strain Relief
(Order Separately)
3448-6201

For-1000XXX
(no mtg flange)
version only

Assembly tools: 3640 press (or equivalent), 3443-117 locator plate, 3442-9 platen

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Interconnect Solutions

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

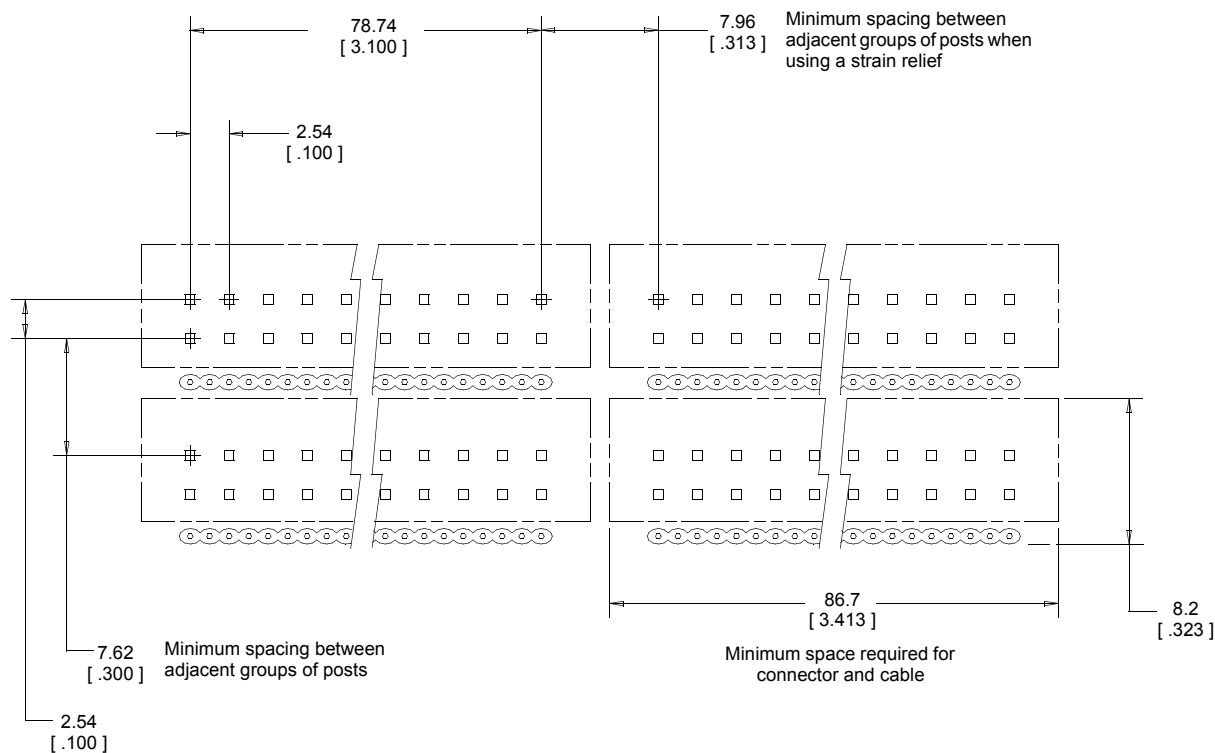
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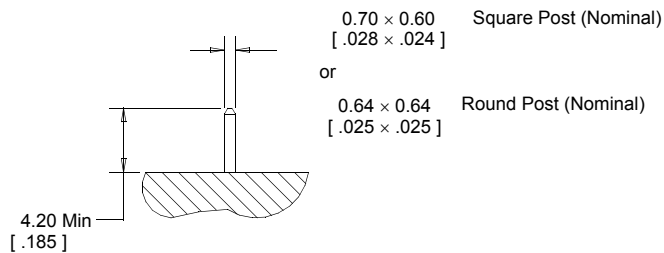
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Recommended Post Pattern



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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Minimum 10%
Post-Consumer Fiber

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