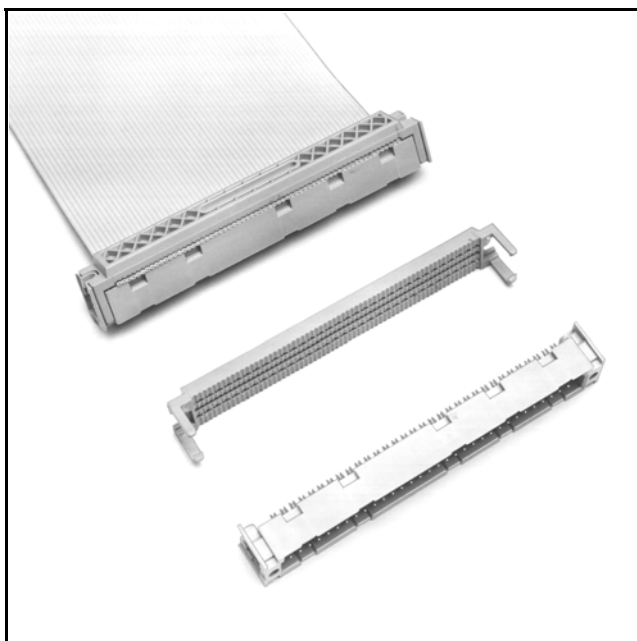


# 3M™ Europlug

.100" × .200" IDC Version, Type C (Rows A & C Filled)

3695 Series



- DIN 41612 compatible
- High density (64 position)
- Mates with DIN 41612 Type C sockets
- Optional strain relief
- Accepts 3435-1 keying plug system
- Can be daisy-chained or end terminated to flat cable
- Mounting holes for securing europlug to board
- RoHS\* compliant

Date Modified: February 3, 2005

TS-0187-11  
Sheet 1 of 2

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## Physical

### Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

### Contact

Material: Beryllium Copper (C172)

### Plating:

Underplating: 50 μ" [ 1.27 μm ] Nickel - QQ-N-290, Class 2

Wiping Area: 30 μ" [ 0.76 μm ] Gold - MIL-G-45204, Type II, Grade C

Marking: 3M Logo Part Identification Number

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

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## Electrical

Current Rating: 1 A

Insulation Resistance:  $> 1 \times 10^{12} \Omega$  at 500 VDC

Withstanding Voltage: 1000 Vrms at Sea Level

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## Environmental

Temperature Rating: -55°C to +125°C

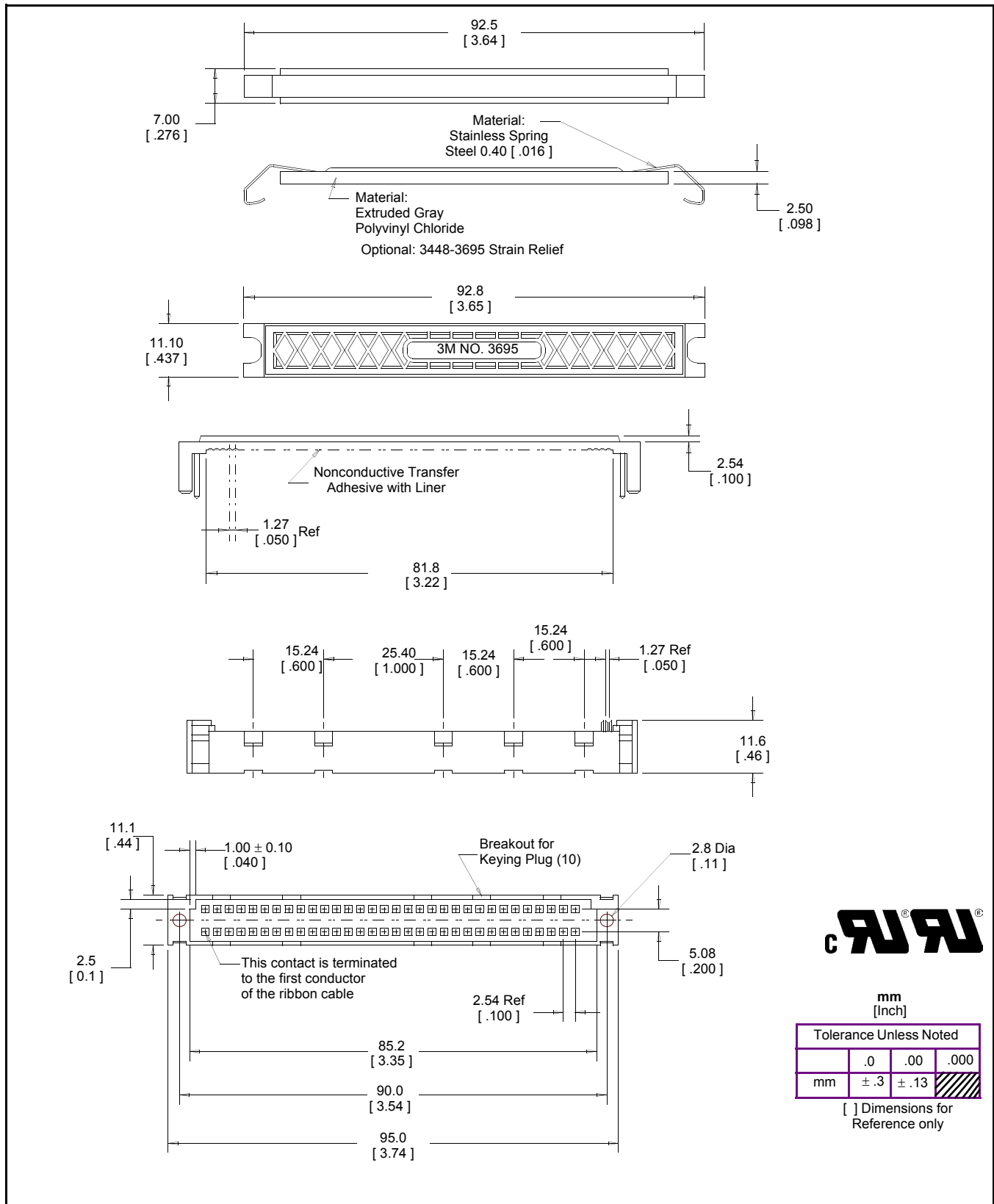
UL File No.: E68080

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

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mm [Inch]

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

[ ] Dimensions for Reference only

## Ordering Information

**Europlug**  
**3695-0000**

TS-0187-11  
Sheet 2 of 2

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