

# 3M™ IDC Ribbon Cable Socket

.100" × .100" for .050" Pitch Cable

891 Series



- Preassembled, packaging on swords for easy loading of manual and semi-automatic assembly equipment
- “Bumps” are designed to prevent premature latch locking during shipment
- Optional double-sided adhesive pull tab for easy unplugging
- Double-recessed cover for cable terminating from either side virtually eliminating the need for single-recessed cover connectors
- Military polarization, with or without centerbump
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of [www.3Mconnectors.com](http://www.3Mconnectors.com) for compliance information (RIA E1 & C1 apply)

Date Modified: July 18, 2012

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## Insulation:

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

## Contact:

Material: Phosphor Bronze

## Plating:

Underplating: 50 μ" [ 1.27 μm ] Nickel

Wiping Area: 30 μ" [ 0.76 μm ] Gold

Wire Accommodation: 26 and 28 AWG Stranded

**Marking:** 3M Logo and Orientation Triangle

Current Rating:	1 line	6 Adjacent Lines	All Lines
	28 AWG	4.25	1.75
26 AWG	4.50	2.25	1.50

Rating Conditions: EIA-364-070 Method 2, 30°C maximum temperature rise, 20% derated. Reference appropriate 3M Product Specification for detailed current derating curves.

**Insulation Resistance:**  $> 1 \times 10^9 \Omega$  at 500 V<sub>DC</sub>

**Withstanding Voltage:** 1,000 V<sub>RMS</sub> at Sea Level

**Temperature Rating:** -55°C to +105°C

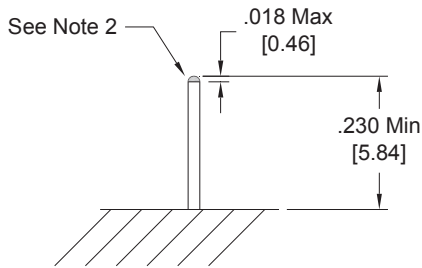
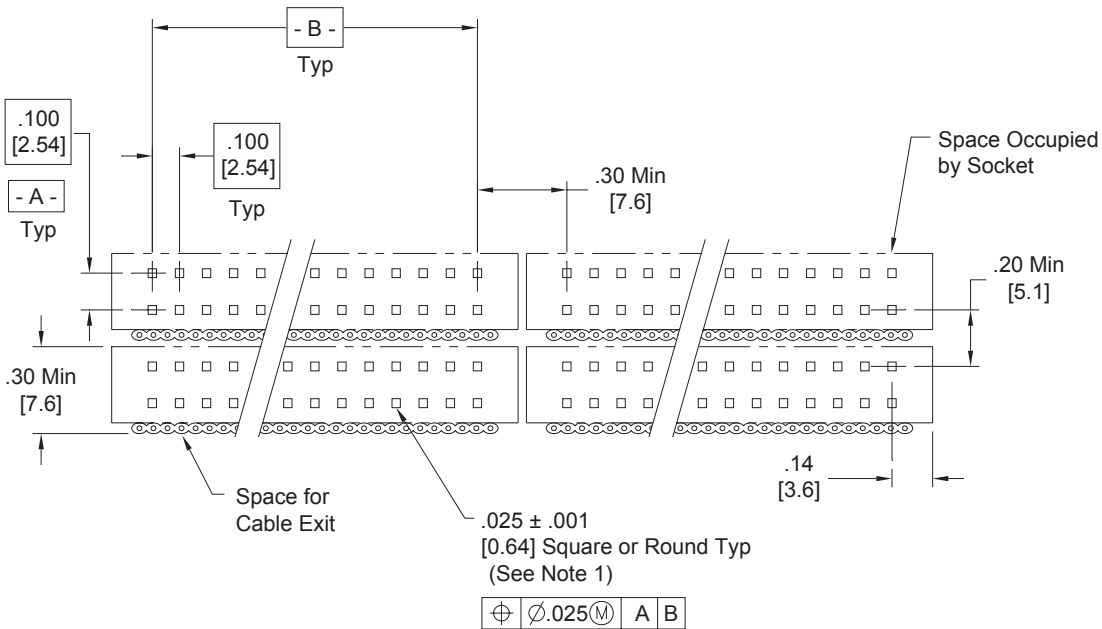
UL File No.: E68080



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## Recommended Post Pattern for Stacked Configurations

Note 1: Measured at tip.

Note 2: Tapered pin tip configuration recommended.

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