

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 for compliance information (RIA E1 & C1 apply)

Date Modified: July 18, 2012

TS-0449-L
Sheet 1 of 3

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	1.25
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_{DC}

Withstanding Voltage: 1,000 V_{RMS} at Sea Level

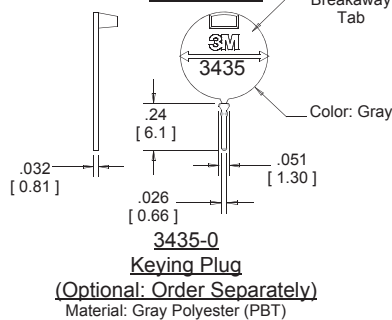
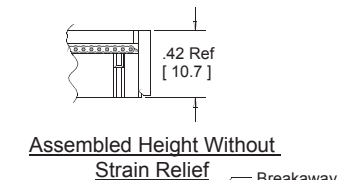
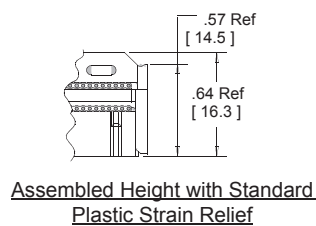
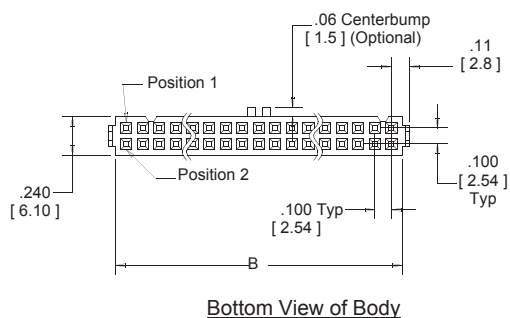
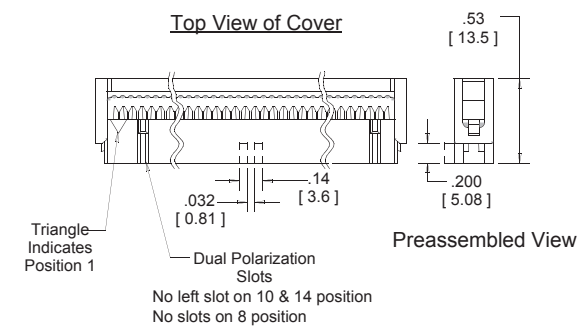
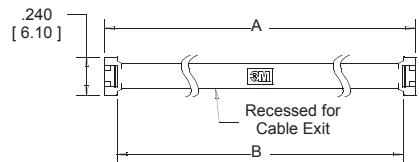
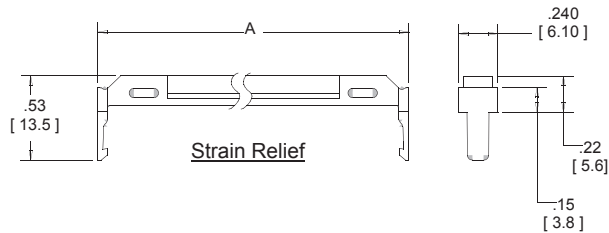
Temperature Rating: -55°C to +105°C

UL File No.: E68080

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Inch (mm)			
Tolerance Unless Noted			
	.0	.00	.000
Inch	± .1	± .01	± .005

[] Dimensions for Reference only

Ordering Information

Sockets 891XX-0X0X

Contact Quantity
See Table

1 = No Strain Relief
3 = Strain Relief

Package Style Options:
0 = Preassembled

Polarization Options:
0 = Without Centerbump
1 = With Centerbump

Strain Relief (Order Separately) 3448-891XX

Contact Quantity:
See Table

Pull Tabs (Order Separately) See TS-0496

Assembly tools: 3M™ Press (or equivalent) 3640, 3M™ Locator Plate 3443-107N, 3M™ Platen 3442-9.

TS-0449-L
Sheet 2 of 3



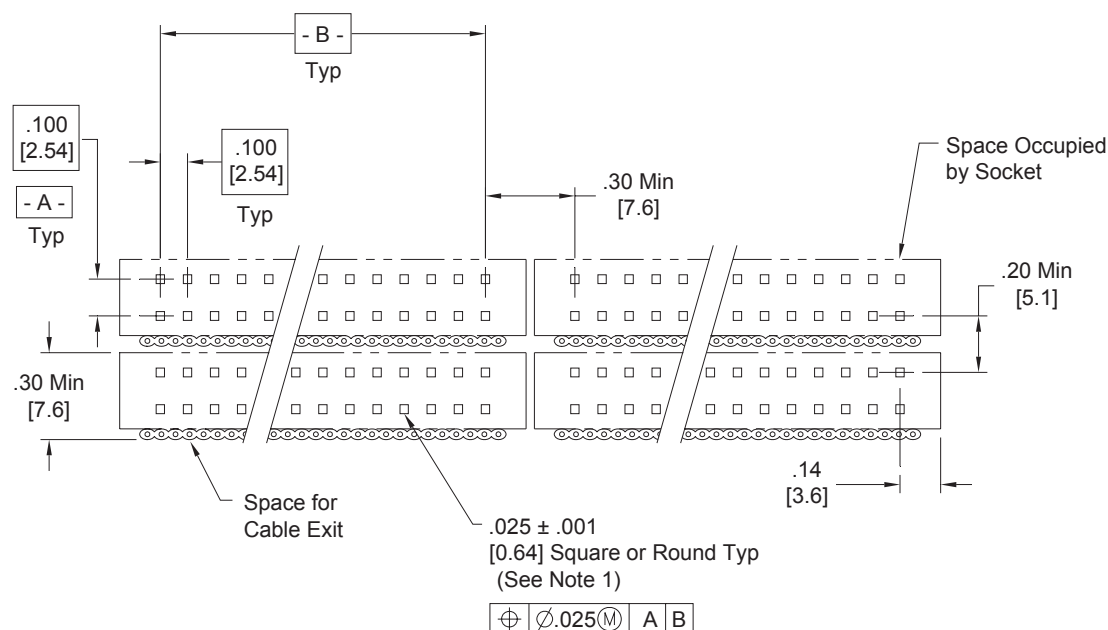
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Recommended Post Pattern for Stacked Configurations

Note 1: Measured at tip.

Note 2: Tapered pin tip configuration recommended.

TS-0449-L
Sheet 3 of 3



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