

3M™ Pak 100 Preassembled Wiremount Socket

.100" × .100" for .050" Pitch Cable

891 Series



- Preassembled, terminates faster than two-piece sockets
- "Sword" packaging makes easy loading of manual and semi-automatic assembly equipment
- "Bumps" prevent premature latch locking during shipment
- Optional double-sided adhesive pull tab for easy unplugging
- Double-recessed cover for cable terminating from either side eliminates need for single-recessed cover connectors
- *RoHS compliant

Date Modified: June 14, 2005

TS-0449-20
Sheet 1 of 2

Physical

Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact

Material: Phosphor Bronze (C510)

Plating:

Underplating: 100 μ" [2.54 μm] Nickel - QQ-N-290, Class 2

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

Wire Accommodation: 26 & 28 AWG Stranded

Marking: 3M Logo, Part Identification Number and Orientation Triangle

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 = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
"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: (a) 0.1% (by weight) for each of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Lead, mercury, cadmium, or hexavalent chromium may be present in the product or part in an exempt application as listed in the Annex to the RoHS Directive.

UL File No.: E68080

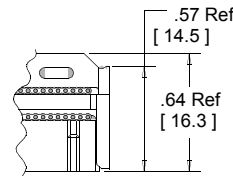
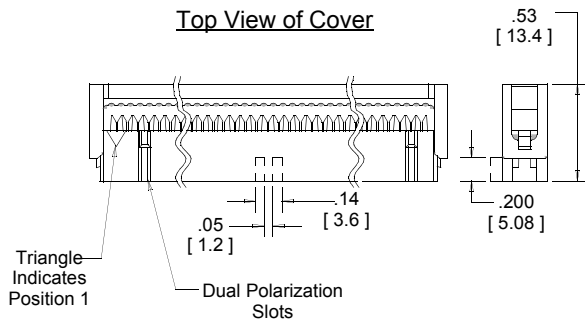
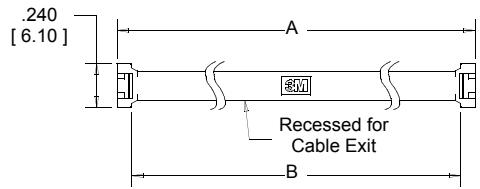
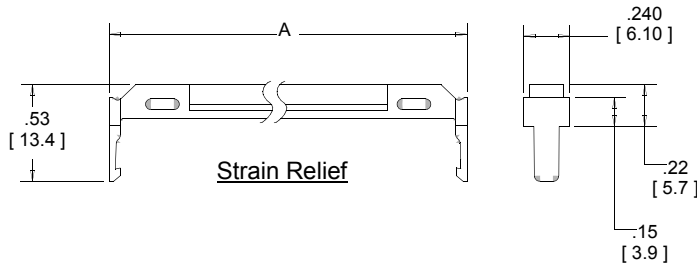
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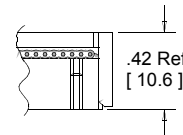
891 Series



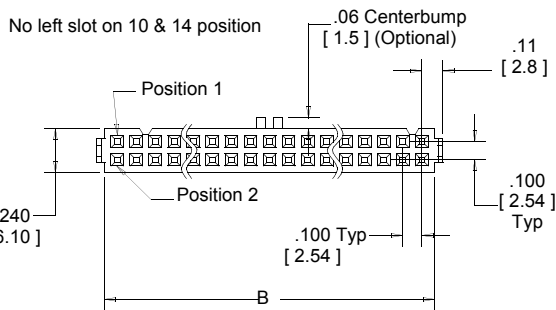
Contact Quantity	Dimensions	
	A	B
10	.68 [17.3]	.53 [13.5]
14	.88 [22.4]	.73 [18.5]
16	.98 [24.9]	.83 [21.1]
20	1.18 [30.0]	1.03 [26.2]
24	1.38 [35.1]	1.23 [31.2]
26	1.48 [37.6]	1.33 [33.8]
30	1.68 [42.7]	1.53 [38.9]
34	1.88 [47.7]	1.73 [43.9]
36	1.98 [50.3]	1.83 [46.5]
40	2.18 [55.4]	2.03 [51.6]
44	2.38 [60.5]	2.23 [56.4]
50	2.68 [68.1]	2.53 [64.1]
60	3.18 [80.0]	3.03 [80.0]



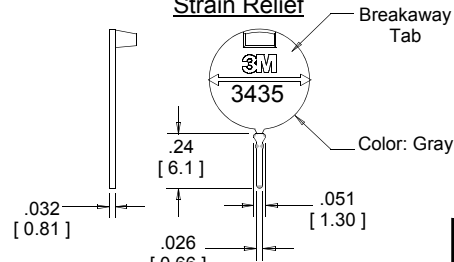
Assembled Height with Standard Plastic Strain Relief



Assembled Height Without Strain Relief



Bottom View of Body



3435-0 Keying Plug (Optional: Order Separately)

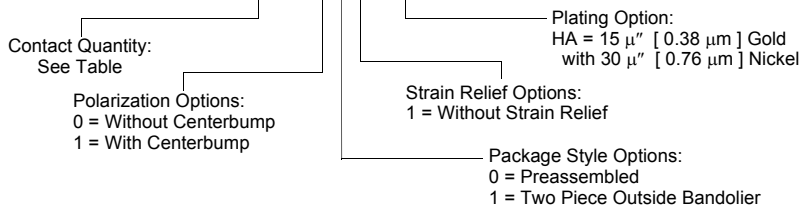
Inch [mm]			
Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[] Dimensions for Reference Only

Note: See TS-0721 for mating post pattern.

Ordering Information

Sockets
891XX-0XXXXX



Strain Relief
(Order Separately)
3448-891XX

Contact Quantity:
See Table

Pull Tabs
(Order Separately)

See TS-0496.

Assembly tools: 3640 press (or equivalent), 3443-107N locator plate, 3442-9 platen.

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*Minimum 10%
Post-Consumer Fiber*

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