

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

Date Modified: May 17, 2004

TS-0449-18
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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

UL File No.: E68080

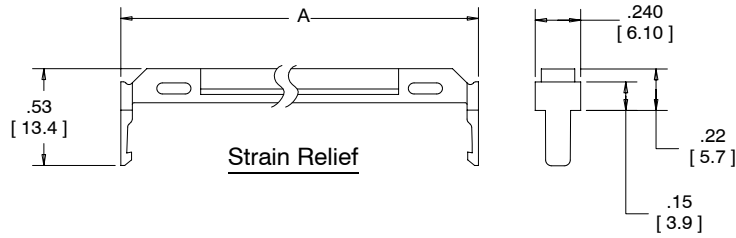
3M
Interconnect Solutions
<http://www.3M.com/interconnects/>

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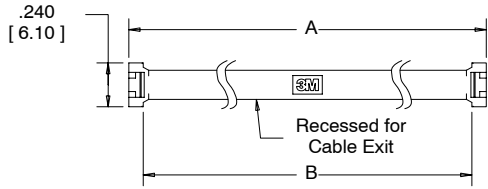
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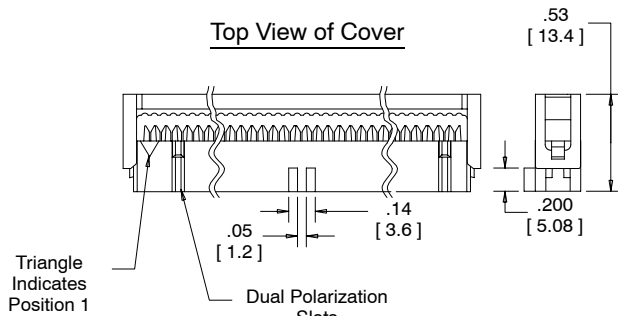
891 Series



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]

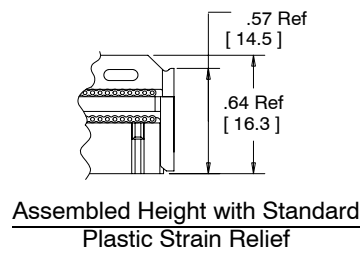


Top View of Cover

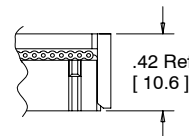


Triangle Indicates Position 1

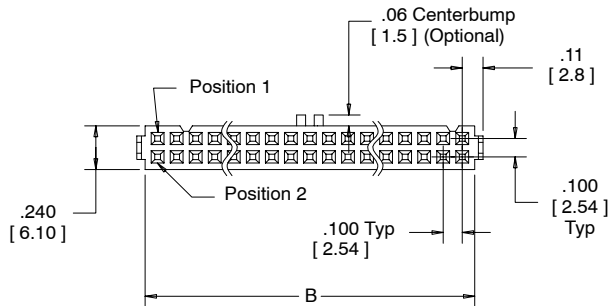
Dual Polarization Slots



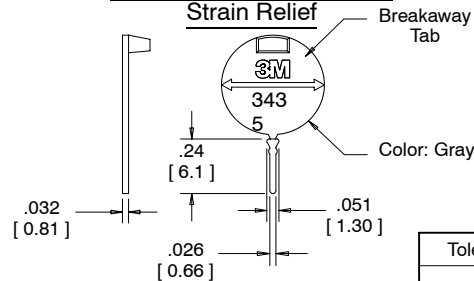
Assembled Height with Standard Plastic Strain Relief



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

Contact Quantity:
See Table

Polarization Options:
0 = Without Centerbump
1 = With Centerbump

Strain Relief Options:
1 = Without Strain Relief

Package Style Options:
0 = Preassembled
1 = Two Piece Outside Bandolier

Plating Option:
HA = 15 μ" [0.38 μm] Gold
with 30 μ" [0.76 μm] Nickel

Strain Relief
(Order Separately)
3448-891XX

Contact Quantity:
See Table

Pull Tabs
(Order Separately)

See TS-0496.

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

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