3M

Scotchlok[™] 901 Self-Stripping In-Line Bullet Receptacle

Data Sheet

Application

Use Part No. 901 to electrically tap into a wire in mid-span without cutting or stripping the wire. Connector then mates with a .156" (4.0 mm) male bullet, making a reusable plug connect wiring termination.

Wire Range

18-14 AWG Solid or stranded, tinned or untinned (.75-1.5 mm² sol. or str.) copper conductors. For use with common thermoplastic insulated wires such as: SAE-GPT, T, TF, TFF, TW, with a maximum insulation diameter of .145 inches (3.5 mm). Maximum recommended connector current:

18 AWG - 7 AMPS, 16 AWG - 10 AMPS, 14 AWG - 15 AMPS.

Construction

U-contact - Tin plated copper alloy .02 in. (0,5 mm) thick

Insulator - Polypropylene, Color - black

Weight

.0033 lb. (1.51 gm)

Recommended Installation Tools

Mechanics (slip joint) Pliers 3M[™] Crimping Tool No. E-9BM

Installation Instructions

AWARNING

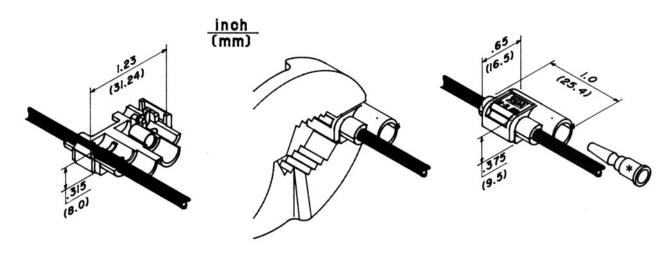
Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

- 1. Do not strip run wire.
- 2. Place run wire in open channel.
- 3. Fold the connector body over until the element contacts the wire.
- 4. Crimp the connector closed with pliers.
- 5. Slide male bullet all the way into bullet port.

Note: Male bullet not included.

Recommended Voltage and Temperature Ratings

32 volts maximum. 90°C (194°F) maximum.



Engineering Specification

Self-Stripping Electrical Connector (as manufactured by 3M, part No. 901) capable of connecting to a .156" male bullet in a separable, reusable manner. Connector shall be voltage rated 32 volts maximum, and temperature rated 90°C maximum.

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