



# Scotchlok™ Self-Stripping Electrical Connector 534

## Data Sheet

### Application

Use 3M™ Scotchlock™ Self-Stripping Electrical Connector 534 to electrically connect two wires in a tap, inline, pigtail, or double run installation and insulate the connection.

### Wire Range

1.5-2.5 mm<sup>2</sup> rigid (solid or stranded) insulated copper conductors. For use with common thermoplastic insulated wires such as: T, TF, TFF, TFN, TFFN, AWM, TEW, SAE-GPT with a maximum insulation diameter of .137 inches (3.5 mm).

### Construction

U-Contact - Tin plated brass, .03 in. (.8 mm) thick  
Insulator - Polypropylene  
Color - brown  
UL 94-V-2

### Weight

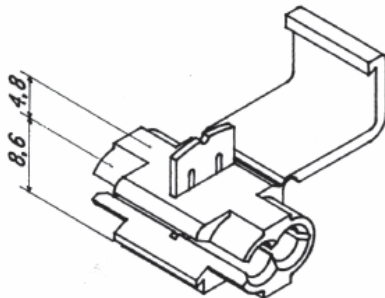
.003 lb. (1.45 gm)

### Recommended Installation Tools

Mechanics (slip joint) Pliers  
9" Lineman's Pliers

### Temperature Rating

194°F (90°C) maximum



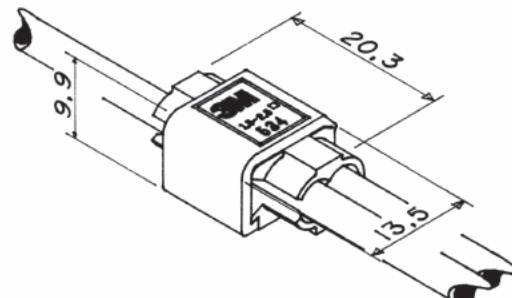
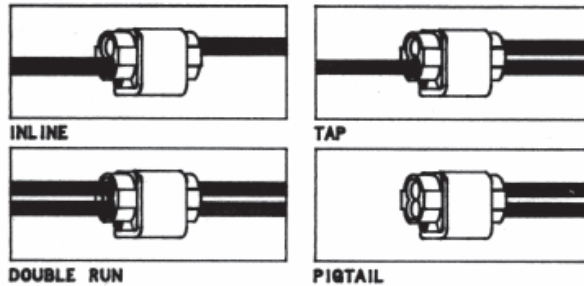
### Installation Information

#### CAUTION

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

1. Place un-stripped run wire inside appropriate channels.
2. On tap, inline, and pigtail applications, ends of wires should always be placed midway between connector element and end of connector for proper installation.
3. Hold tool perpendicular to the wires and make the connection by driving the u-contact down flush with the top of the plastic insulator body.
4. Close hinged top cover until latched.

### Typical Installations



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