

## SCOTCHLOK 804 – Moisture Resistant Self-Stripping Electrical Tap Connector

### Application:

Use part No. 804 to electrically connect a (tap) wire end to a through (run) wire, insulate and provide a moisture resistant seal for the connection.

### Wire Range:

18–16 AWG (0,75–1,0mm<sup>2</sup>) solid and stranded, 14 AWG (1,5mm<sup>2</sup>) stranded tinned or untinned copper insulated conductors. For use with common thermoplastic insulated wires with a maximum diameter of .145 inches (3,5mm). Maximum recommended current for general purpose application: 18 AWG–7 amps , 16 AWG–10 amps , 14 AWG–15 amps.

### Construction:

U-Contact	Tin plated brass, .03 inches (8mm) thick
Insulator	Polypropylene, color – blue
Sealant	Mineral oil base dielectric grease

### Weight:

.0042 lbs.(1.90gm)

### Engineering:

Self-Stripping Electrical Tap Connector (as manufactured by 3M, part No. 804) capable of connecting a tap wire to a run wire and providing a moisture seal, in the wire range of 18–16 AWG (0,75–1,0mm<sup>2</sup>) solid or stranded, and 14 AWG (1,5mm<sup>2</sup>) stranded, tinned or untinned copper insulated wire, with a maximum insulation diameter of .145 inches (3,5mm). The connector shall be rated 600 volts and have a insulation temperature rating of 90°C (194°F).

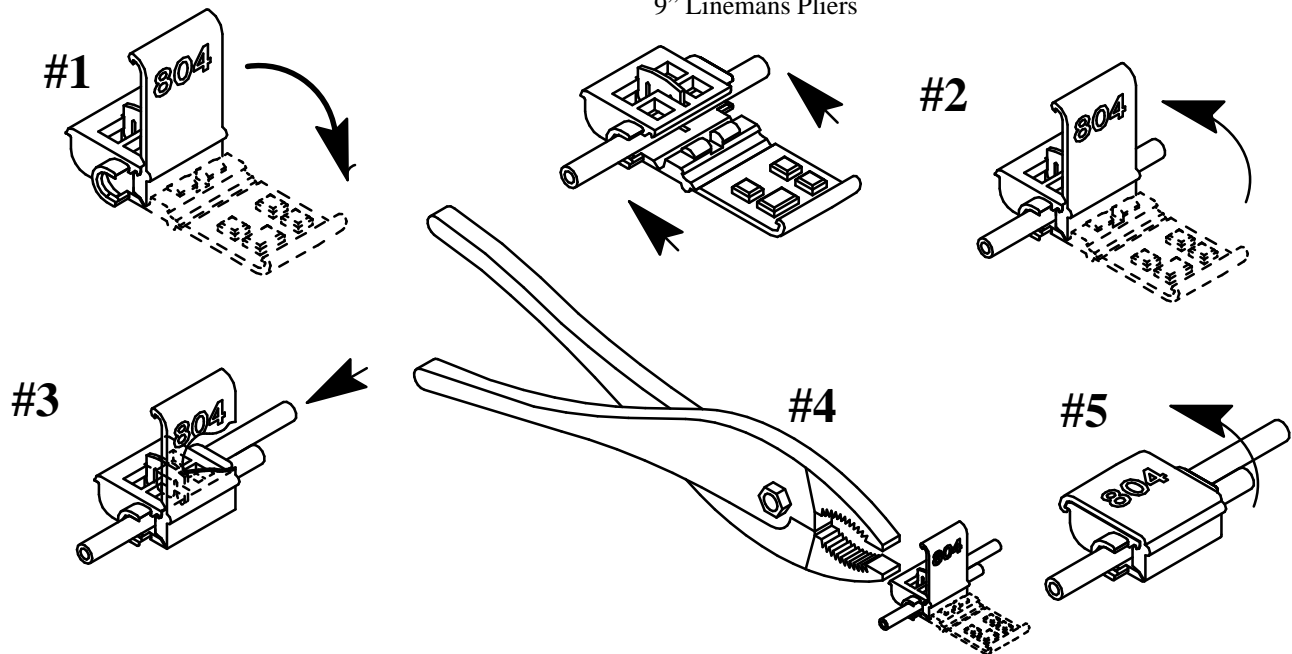
### Installation Instructions:

**Caution** – turn off power before installing or removing connector. All electrical work should be done according to appropriate electrical codes.

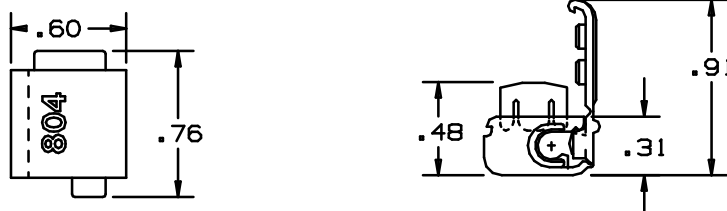
1. Open hinged side wall.
2. Place unstripped run wire inside run channel and close hinged side wall.
3. Insert unstripped tap wire completely into tap port.
4. Hold tool perpendicular to the wire and make the connection by crimping the u-contact down flush with the top of the insulator.
5. Close cover until latched.

### Recommended Installation Tools:

- 8" Mechanics ( slip joint ) pliers
- 3M No. E-9BM Crimping Tool
- 9" Linemans Pliers



## Dimensions



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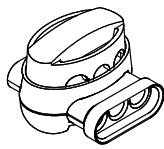
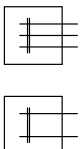

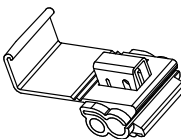



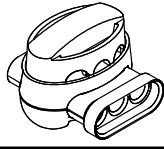
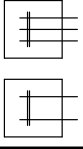


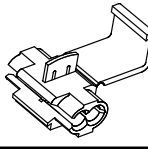
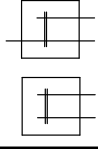
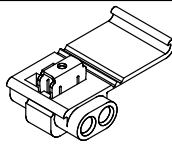



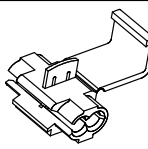

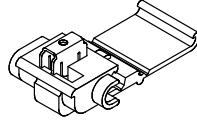



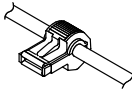



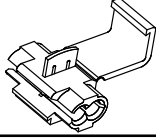
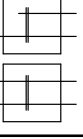


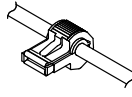



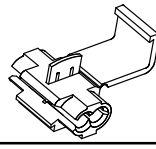
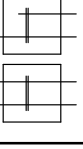

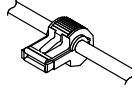



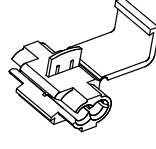



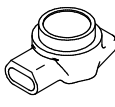
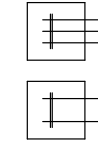
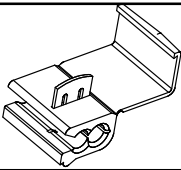
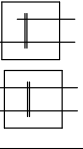

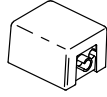

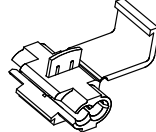

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**3M Division**

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**3M**

	Part # Wire Range	Type of Connector	 Listed	 Certified		Part # Wire Range	Type of Connector	 Listed	 Certified
	314 22-14					567 12-10run 18-14tap			
	314 22-14					905 18-14run 22-18Tap			
	557 22-16					905N 18-14run 22-18Tap			
	558 22-16					951 22-18			
	560 18-14					952 18-14			
	560B 18-14					953 12			
	560N 18-14					UR 19-26 Solid			
	562 12-10					UB 22-26 Solid			
	564 18-14				<b>NOTE:</b> For complete wire combinations or other technical information see individual product information sheets or contact Technical Service.				

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