

## SCOTCHLOK™ 557 IDC Electrical Tap Connector

### Application:

Use part No. 557 to electrically connect two wire ends and insulate the connection.

### Wire Range:

22–16 AWG solid or stranded, ( 0,5 – 1,0 mm<sup>2</sup> solid or stranded and 1,5mm<sup>2</sup> solid )tinned or untinned copper conductors. For use with common thermoplastic insulated wires such as: T, TF, TFF, TFN, TFFN, AWN, TEW, SAE–GPT, with a maximum insulation diameter of .120 inches ( 3,0 mm ).

Maximum recommended current for general purpose applications:

22 AWG – 3 Amps, 20 AWG – 4 Amps,  
18 AWG – 7 Amps, 16 AWG – 10 Amps

### Construction:

U–Contact	Tin plated brass, .02 inches thick ( 0,5 mm )
Insulator	Flame retardant polypropylene, color, Red.

### Weight:

.0030 lbs. ( 1,37 gm )

### Engineering Specification:

The connector shall be UL Listed and CSA Certified as a pressure cable connector for 600 volts maximum, building

wire; 1000 volts maximum, signs, fixtures and luminaries. The insulation shall be rated for 105°C. The connector shall also meet the intent of the Standard for Portable Electric Lamps, UL 153, specifically Paragraph 14.2, when housed within the body of the lamp.

### Regulatory Agencies:

UL File No. E23438

Tested per UL Standard 486C

CSA File No. LR15503, LR32411

Tested per CSA Standard C22.2 No. 188–M1983

( Voltage rated at 600 volts maximum, building wire; 1000 volts maximum, signs, fixtures, and luminaires. Temperature rated 105°C. )

Federal Specification W – S – 610

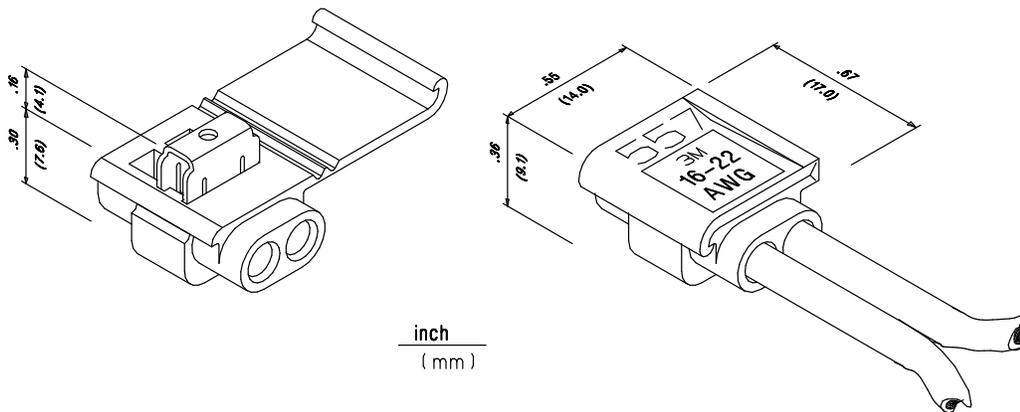
\* Commercial Packaging Only \*

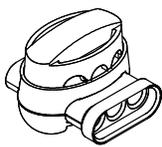
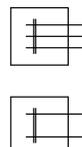
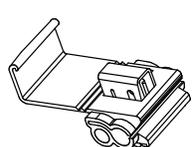
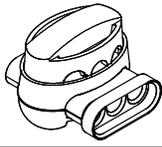
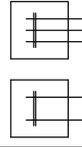
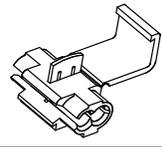
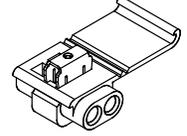
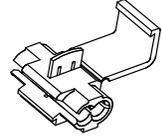
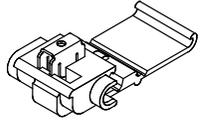
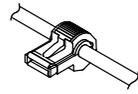
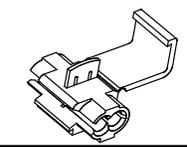
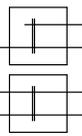
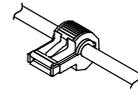
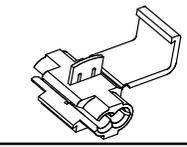
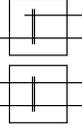
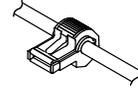
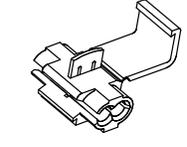
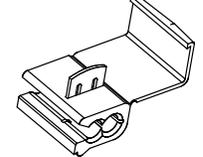
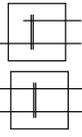
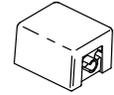
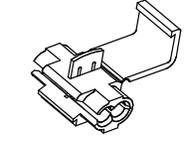
Type	Class	Kind	Style
II	I	cu	F

### Installation Instruction:

**Caution:** – Turn power off before installing connectors. All electrical work should be done according to appropriate electrical codes.

1. Insert unstripped wire completely and check their position in the inspection ports.
2. Hold tool perpendicular to the wire and make the connection by driving the u–connection down flush with the top of the insulator.
3. Close hinged top cover until latched.



	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 data sheets or contact Technical Service.				

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