

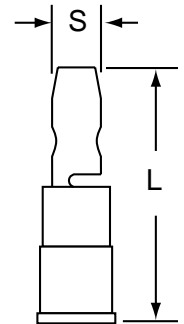


Highland™ Terminals

SPV14-156, SPV18-156

Male Snap Plug, Vinyl Insulated, Butted Seam

Data Sheet



Product Number	Wire Range (AWG)	Mating Snap Diameter S	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
SPV14-156	16-14	0.156	0.85	0.19	0.090	0.170
SPV18-156	22-18	0.156	0.85	0.19	0.070	0.145



UNDERWRITERS
LABORATORIES
STANDARD NO. UL 486A
3M FILE NO. F23438



CANADIAN STANDARDS
ASSOCIATION
STANDARD NO. 22.2
NO. 0, 65
3M FILE NO. LR22190

Installation Information

WARNING


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

UL Listed and CSA Certified for use on stranded copper (AWG) wire only.

Strip away the end 3/8 inch of wire insulation.

Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH-450 (scissor style), or TR-490 (ratchet style) hand tools.



 Barrel Crimp (Electrical)

Specifications

Wire Size:
Barrel Seam:
Maximum Voltage Rating:

See Table Above
Butted
600 V Building Wire
1000 V Signs or
Fixtures (Luminaires)
221°F (105°C)
Same as Wire
Vinyl
Brass
Tin

Maximum Operating Temp:
Maximum Current:
Insulator Material:
Terminal Material:
Plating:

Engineering Specification

Crimp-Type Snap Plug Connectors shall, electrically and mechanically, connect permanently to a pre-stripped end of a stranded copper wire; and have a round tongue portion for mating to a Snap Receptacle in a separable, reusable manner.

The connector line shall offer tongue variations (0.156" and 0.180" diameter) and barrel variations in wire (AWG) size (22-18, 16-14, 12-10) and construction (vinyl insulated, nylon insulated with insulation grip). The separable connectors shall have regulatory agency coverage (UL Listed, CSA Certification).

The vinyl insulated 0.156" Male Snap Plug shall be tin-plated 0.030" thick copper, with a tongue tapered from 0.156" diameter and a butted seam barrel covered by a molded vinyl funnel entry sleeve, color coded and sized for a specified (AWG) wire range (22-18, 16-14).

Insulated separable connectors shall be UL Listed and CSA Certified for 600 V building wire; 1000 V signs or lighting fixtures (luminaires) and temperature rated 221°F (105°C) maximum.

The separable connector formed by the paired Male Snap Plug and Female Snap Receptacle may require a suitable strain relief to prevent accidental separation.

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IMPORTANT NOTICE

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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