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 [Printer-friendly format](#) **3M™ Highland™ Vinyl Insulated Snap Plug SPV18-156L**

This terminal has a wire range of 22-18 and .156 a stud size. 10 bags per case (50 per bag).

GTIN(UPC/EAN) : 0 00 54007 70343 3
3M Id : 80-6105-8856-0

Additional Information

This terminal has a wire range of 22-18 and a stud size .156. It has case quantities of 10 bags per case.

Learn More . . .

[Packaging Data](#)
[Highland Terminals SPV14-156, SPV18-156 - Data Sheet \(PDF 23.1 K\)](#)

Please Note:
Adobe® Acrobat® Reader is required to view PDF documents.



Characteristics

Agency Approvals	UL and CSA
Barrel Style	Butted
China RoHS - Below MCV	No
CSA File Number	LR22190
EU RoHS Compliant	No
Fastener Orientation	Male
Insulation Material	Vinyl
Pad Width	0.156 Inch
Terminal Style	Bullet Snap Plug
Terminal Type	Disconnect
UL File Number	E23438
Wire Gauge Range	18 to 22 American Wire Gauge (AWG)

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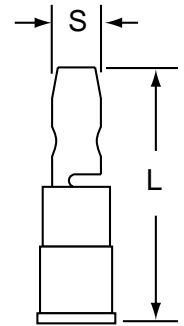
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Highland™ Terminals

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.

Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Maximum Voltage Rating:	600 V Building Wire 1000 V Signs or Fixtures (Luminaires)
Maximum Operating Temp:	221°F (105°C)
Maximum Current:	Same as Wire
Insulator Material:	Vinyl
Terminal Material:	Brass
Plating:	Tin



■ Barrel Crimp (Electrical)

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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