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**Part Number:** [0191640007](#)  
**Status:** **Active**  
**Overview:** [Perma-Seal™ Terminals](#)  
**Description:** Perma-Seal™ Spade Tongue Terminal for 18-22 AWG Wire, Stud Size 8 (M4)

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-19902-013-001 \(PDF\)](#)  
[Product Specification PS-19902-011-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E32244

**General**

Product Family Ring and Spade Terminals  
 Series [19164](#)  
 Crimp Quality Equipment Yes  
 Mil-Spec N/A  
 MolexKits Yes  
 Overview [Perma-Seal™ Terminals](#)  
 Product Name Perma-Seal™  
 Type Spade  
 UPC 800753112957

**Physical**

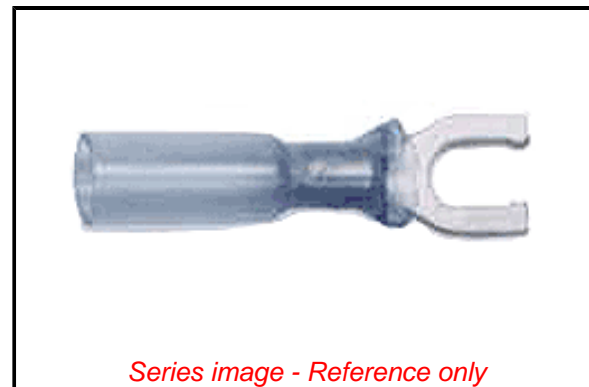
Barrel Type Closed  
 Insulation NiAc™  
 Material - Plating Mating Tin  
 Net Weight 0.943/g  
 Packaging Type Bag  
 Plating min - Mating 2.540µm  
 Plating min - Termination 2.540µm  
 Stud Size 8 (M4)  
 Wire Insulation Diameter 5.97mm  
 Wire Size AWG 18, 20, 22  
 Wire Size mm² 0.38-0.96

**Material Info**

Engineering Number SA-235-08

**Reference - Drawing Numbers**

Product Specification PS-19902-011-001, PS-19902-013-001  
 Sales Drawing SD-19164-025



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Contained

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[19164 Series](#)