

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0191640008**  
**Status:** **Active**  
**Overview:** Perma-Seal™ Terminals  
**Description:** Perma-Seal™ Spade Tongue Terminal for 18-22 AWG Wire, Stud Size 10 (M5)

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-19902-013 \(PDF\)](#)  
[Product Specification PS-19902-011 \(PDF\)](#) [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 800753112964

**Physical**

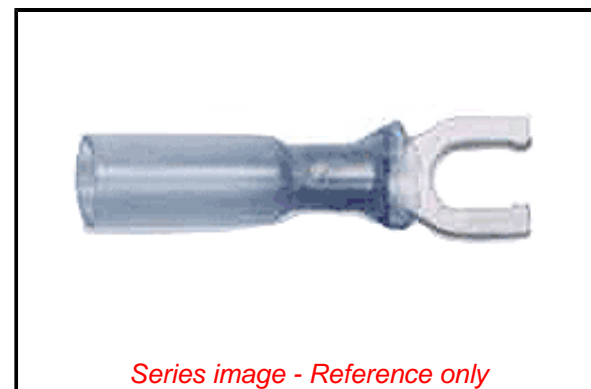
Barrel Type Closed  
 Insulation NiAc™  
 Material - Plating Mating Tin  
 Net Weight 0.907/g  
 Packaging Type Bag  
 Plating min - Mating 2.540µm  
 Plating min - Termination 2.540µm  
 Stud Size 10 (M5)  
 Wire Insulation Diameter 5.97mm  
 Wire Size AWG 18, 20, 22  
 Wire Size mm² 0.38-0.96

**Material Info**

Engineering Number SA-235-10

**Reference - Drawing Numbers**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**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 |

**Search Parts in this Series**

19164 Series

**Application Tooling | FAQ**

*Tooling specifications and manuals are  
 found by selecting the products below.  
 Crimp Height Specifications are then  
 contained in the Application Tooling  
 Specification document.*

**Global**

| Description                          | Product #                  |
|--------------------------------------|----------------------------|
| PremiumGrade™                        | <a href="#">0640017400</a> |
| Hand Crimp Tool                      |                            |
| Power Crimp Tool                     | <a href="#">0640057400</a> |
| Head for Terminals<br>10-22 AWG Wire |                            |

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