

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

**Part Number:** [0191640316](#)  
**Status:** **Active**  
**Overview:** [Perma-Seal Terminals](#)  
**Description:** Perma-Seal Ring Tongue Terminal for 10-12 AWG Wire, Stud Size 10 (M5), Mylar Tape Carrier

**Documents:**

[3D Model](#) [Product Specification PS-19902-015-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-19902-011-001 \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E32244

**General**

Product Family Ring and Spade Terminals  
 Series [19164](#)  
 Crimp Quality Equipment Yes  
 Mil-Spec N/A  
 Overview [Perma-Seal Terminals](#)  
 Product Name Perma-Seal  
 Type Ring  
 UPC 800753115712

**Physical**

Barrel Type Closed  
 Insulation NiAc  
 Material - Plating Mating Tin  
 Net Weight 2.670/g  
 Packaging Type Adhesive Tape on Reel  
 Plating min - Mating 2.540µm  
 Plating min - Termination 2.540µm  
 Stud Size 10 (M5)  
 Wire Insulation Diameter 7.87mm  
 Wire Size AWG 10, 12  
 Wire Size mm<sup>2</sup> 1.23-1.94

**Material Info**

Engineering Number SC-230-10T

**Reference - Drawing Numbers**

Product Specification PS-19902-011-001, PS-19902-015-001  
 Sales Drawing SD-19164-041



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/88/2018 (15  
 January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

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 #**

ATP Perishable [198082025](#)

Tool Kit used in ATP

Presses that Process

Product on Tape

PremiumGrade Hand [640017400](#)

Crimp Tool

Power Crimp Tool [640057400](#)

Head for Terminals

10-22 AWG Wire