

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

**Part Number:** [0191640005](#)  
**Status:** **Active**  
**Overview:** Perma-Seal Terminals  
**Description:** Perma-Seal Ring Tongue Terminal for 18-22 AWG Wire, Stud Size 3/8" (M9)

**Documents:**

[3D Model](#) [Product Specification PS-19902-013-001 \(PDF\)](#)  
[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  
 Overview [Perma-Seal Terminals](#)  
 Product Name Perma-Seal  
 Type Ring  
 UPC 800753112933

**Physical**

Barrel Type Closed  
 Insulation NiAc  
 Material - Plating Mating Tin  
 Net Weight 1.393/g  
 Packaging Type Bag  
 Stud Size 3/8" (M9)  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 5.97mm  
 Wire Size AWG 18, 20, 22  
 Wire Size mm<sup>2</sup> 0.38-0.96

**Material Info**

Engineering Number SA-226-38

**Reference - Drawing Numbers**

Product Specification PS-19902-011-001, PS-19902-013-001  
 Sales Drawing SD-19164-006



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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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 Hand Crimp Tool	<a href="#">640017400</a>
Power Crimp Tool Head for Terminals 10-22 AWG Wire	<a href="#">640057400</a>

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