

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

**Part Number:** **0191640939**  
**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:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-19902-011-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Product Specification PS-19902-015-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR18689 |
| UL  | E32244  |

**General**

|                         |                             |
|-------------------------|-----------------------------|
| Product Family          | Ring and Spade Terminals    |
| Series                  | <u>19164</u>                |
| Crimp Quality Equipment | Yes                         |
| Overview                | <u>Perma-Seal Terminals</u> |
| Product Name            | Perma-Seal                  |
| Type                    | Ring                        |
| UPC                     | 822350095143                |

**Physical**

|                           |                       |
|---------------------------|-----------------------|
| Barrel Type               | Closed                |
| Insulation                | NiAc                  |
| Material - Plating Mating | Tin                   |
| Net Weight                | 1.959/g               |
| Packaging Type            | Adhesive Tape on Reel |
| Stud Size                 | 10 (M5)               |
| Wire Insulation Diameter  | 11.91mm               |
| Wire Size AWG             | 10, 12                |
| Wire Size mm <sup>2</sup> | 4.00-6.00             |

**Material Info**

|                    |            |
|--------------------|------------|
| Engineering Number | SC-228-10T |
|--------------------|------------|

**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 -  
ECHA\_01\_2020 (16  
January 2020

**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