



**Part Number :** [191640070](#)  
**Product Description :** Perma-Seal Spade Tongue  
Terminal for 12-10 AWG Wire, Stud Size 8 (M4), Carton  
**Series Number :** 19164  
**Status :** Active  
**Product Category :** Ring and Spade Terminals  
**Engineering Number :** SC-241-08



## Documents & Resources

**Drawings**  
[191640070 sd.pdf](#)

**Specifications**  
[PS-19902-013-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025)                                                           |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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### Part Details

#### General

|              |                                                                               |
|--------------|-------------------------------------------------------------------------------|
| Status       | Active                                                                        |
| Category     | Ring and Spade Terminals                                                      |
| Series       | 19164                                                                         |
| Description  | Perma-Seal Spade Tongue Terminal for 12-10 AWG Wire, Stud Size 8 (M4), Carton |
| Keyword      | Spade Terminal, Spade Terminals                                               |
| Product Name | Perma-Seal                                                                    |
| Style        | Spade                                                                         |
| Type         | Spade Connector, Metric Spade Connector                                       |
| UPC          | 800753113541                                                                  |

#### Agency

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

#### Physical

|                           |         |
|---------------------------|---------|
| Barrel Type               | Closed  |
| Insulation                | NiAc    |
| Material - Plating Mating | Tin     |
| Net Weight                | 1.960/g |
| Packaging Type            | Carton  |
| Plating min - Mating      | 2.540µm |
| Plating min - Termination | 2.540µm |
| Stud Size                 | 8 (M4)  |
| Wire Insulation Diameter  | 7.87mm  |
| Wire Size (AWG)           | 10, 12  |

|                           |           |
|---------------------------|-----------|
| Wire Size mm <sup>2</sup> | 3.09-5.01 |
|---------------------------|-----------|

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## Application Tooling

### Global

| Description                                                                                        | Part Number      |
|----------------------------------------------------------------------------------------------------|------------------|
| Power Crimp Tool Head for<br>Terminals 22-10 AWG Wire                                              | <u>640057400</u> |
| ServiceGrade Hand Crimp Tool for<br>Field Repair only, for production<br>use our PremiumGrade Tool | <u>640160041</u> |