**Part Number :** 191640013
**Product Description :** Perma-Seal Butt Splice for 22-18 AWG Wire, Carton
**Series Number :** 19164
**Status :** Active
**Product Category :** Splices
**Engineering Part Number :** SAA-22-18




## Documents and Resources

### Drawings

191640013_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-19902-011-001.pdf

PS-19902-013-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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 | Splices |
| Series | 19164 |
| Description | Perma-Seal Butt Splice for 22-18 AWG Wire, Carton |
| Product Name | Perma-Seal |
| Style | Standard |
| Type | Butt Splice |
| UPC | 800753113015 |

### Agency

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

### Electrical

| | |
|---|---|
| Voltage - Maximum | 600V |

### Physical

| | |
|---|---|
| Barrel Type | Closed |
| Color - Resin | Red |
| Insulation | NiAc |
| Material - Metal | Copper |
| Material - Plating Mating | Tin |

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| | |
|---|---|
| Material - Plating Termination | Tin |
| Material - Resin | NiAc |
| Net Weight | 1.290/g |
| Packaging Type | Carton |
| Temperature Range - Operating | -10° to +105°C |
| Wire Insulation Diameter | 4.70mm max. |
| Wire Size (AWG) | 18, 20, 22 |
| Wire Size $mm^2$ | 0.324-0.823 |

### Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | N/A |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| PremiumGrade Hand Crimp Tool for Industrial Terminals, 22-10 AWG (see ATS) | 640017400 |
| Power Crimp Tool Head for Terminals 22-10 AWG Wire | 640057400 |
| ServiceGrade Hand Crimp Tool for Field Repair only, for production use our PremiumGrade Tool | 640160041 |



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