



Part Number : [191640007](#)
Product Description : Perma-Seal Spade
Tongue Terminal for 18-22 AWG Wire, Stud
Size 8 (M4), Bag
Series Number : 19164
Status : Active
Product Category : Ring and Spade Terminals
Engineering Number : SA-235-08



Documents & Resources

Drawings

[Drawing 191640007_sd.pdf](#)

Specifications

[Product Specification PS-19902-013-001.pdf](#)

[Product Specification PS-19902-011-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Ring and Spade Terminals
Series	19164
Description	Perma-Seal Spade Tongue Terminal for 18-22 AWG Wire, Stud Size 8 (M4), Bag
Keyword	Spade Terminal, Spade Terminals
Product Family	Perma-Seal Terminals
Product Name	Perma-Seal
Type	Spade
UPC	800753112957

Agency

CSA	LR18689
UL	E32244

Physical

Barrel Type	Closed
Insulation	NiAc
Material - Plating Mating	Tin
Net Weight	0.943/g
Packaging Type	Bag
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Stud Size	8 (M4)
Wire Insulation Diameter	5.97mm
Wire Size (AWG)	18, 20, 22
Wire Size mm ²	0.38-0.96

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Industrial Terminals, 10-22 AWG (see ATS)	<u>0640017400</u>
Power Crimp Tool Head for Terminals 10-22 AWG Wire	<u>0640057400</u>
ServiceGrade Hand Crimp Tool for Field Repair only, for production use our PremiumGrade Tool	<u>0640160041</u>

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