



Part Number : [191640086](#)

Product Description : Perma-Seal Ring Tongue
Terminal for 22-18 AWG Wire, Stud Size 8 (M4), Carton

Series Number : 19164

Status : Active

Product Category : Ring and Spade Terminals

Engineering Part Number : SA-221-08



Documents and Resources

Drawings

[191640086_sd.pdf](#)

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 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)7771-DC (04 Feb 2026)
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

Part Details

General

Status	Active
Category	Ring and Spade Terminals
Series	19164
Description	Perma-Seal Ring Tongue Terminal for 22-18 AWG Wire, Stud Size 8 (M4), Carton
Keyword	Ring Terminal, Ring Terminals
Product Name	Perma-Seal
Style	Ring
Type	Ring Terminal, Metric Ring Terminal
UPC	800753113701

Agency

CSA	LR18689
UL	E32244

Physical

Barrel Type	Closed
Insulation	NiAc
Material - Plating Mating	Tin
Net Weight	0.798/g
Packaging Type	Carton
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, 22-10 AWG (see ATS)	<u>640017400</u>
Power Crimp Tool Head for Terminals 22-10 AWG Wire	<u>640057400</u>
ServiceGrade Hand Crimp Tool for Field Repair only, for production use our PremiumGrade Tool	<u>640160041</u>