Part Number : 191640027
Product Description : Perma-Seal Ring Tongue Terminal for 16-14 AWG Wire, Stud Size 5/16" (M8), Carton
Series Number : 19164
Status : Active
Product Category : Ring and Spade Terminals
Engineering Part Number : SB-225-56



Documents and Resources

Drawings

191640027_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	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(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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 16-14 AWG Wire, Stud Size 5/16" (M8), Carton
Keyword	Ring Terminal, Ring Terminals
Product Name	Perma-Seal
Style	Ring
Type	Ring Terminal, Metric Ring Terminal
UPC	800753113152

Agency

CSA	LR18689
UL	E32244

Electrical

Voltage - Maximum	600V

Physical

Barrel Type	Closed
Color - Resin	Blue
Insulation	NiAc

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Material - Metal	Copper
Material - Plating Mating	Tin
Net Weight	1.234/g
Packaging Type	Carton
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Stud Size	5/16" (M8)
Temperature Range - Operating	-10° to +105°C
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	5.97mm
Wire Size (AWG)	14, 16
Wire Size mm^2	1.23-1.94

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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