

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0191640003](#)  
**Status:** **Active**  
**Description:** Perma-Seal™ Ring Tongue Terminal for 18-22 AWG Wire, Stud Size 10

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Literature \(PDF\)](#)

**General**

Product Family	Ring and Spade Terminals
Series	<a href="#">19164</a>
Mil-Spec	N/A
Product Name	Perma-Seal™
Type	Ring

**Physical**

Barrel Type	Closed
Flammability	94V-2
Insulation	NiAc™
Material - Plating Mating	Tin
Packaging Type	Bag
Stud Size	10 (M5)
Wire Insulation Diameter	5.97mm (.235")
Wire Size AWG	18, 20, 22
Wire Size mm²	0.38 - 0.96

**Electrical**

CSA	LR18689
UL	E32244

**Material Info**

Old Part Number	SA-221-10
-----------------	-----------

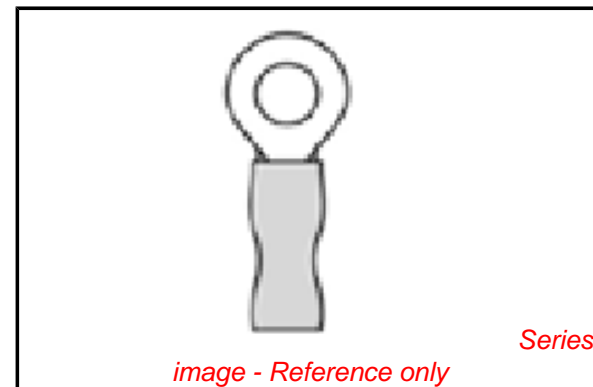


image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No  
Halogen-Free  
Status  
Not Reviewed**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[19164Series](#)

**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Hand Crimp Tool, UL	<a href="#">0640017400</a>
Approved Power Crimp Tool Head for Prema-Seal™ Terminals	<a href="#">0640057400</a>
10-22 AWG	