

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

**Part Number:** **0190540039**  
**Status:** **Active**  
**Overview:** Solderless Terminals  
**Description:** InsulKrimp Ring Tongue Terminal for 18-22 AWG Heavy Duty Wire, Vinyl, Stud Size 10 (M5)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-19902-009-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-19902-011-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-19902-013-001 (PDF)</a>
<a href="#">Product Specification 194130107-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 194130108-000 (PDF)</a>	

**Agency Certification**

CSA	LR18689
UL	E32244

**General**

Product Family	Ring and Spade Terminals
Series	19054
Comments	Heavy Duty
Crimp Quality Equipment	Yes
Overview	<a href="#">Solderless Terminals</a>
Product Name	InsulKrimp
Type	Ring
UPC	800753053908

**Physical**

Barrel Type	Closed
Color - Resin	Red
Flammability	94V-0
Insulation	PVC
Material - Metal	Copper
Material - Plating Mating	Tin
Net Weight	0.769/g
Packaging Type	Carton
Stud Size	10 (M5)
Temperature Range - Operating	105°C
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.68mm max.
Wire Size AWG	18, 20, 22
Wire Size mm <sup>2</sup>	0.25-1.50

**Solder Process Data**

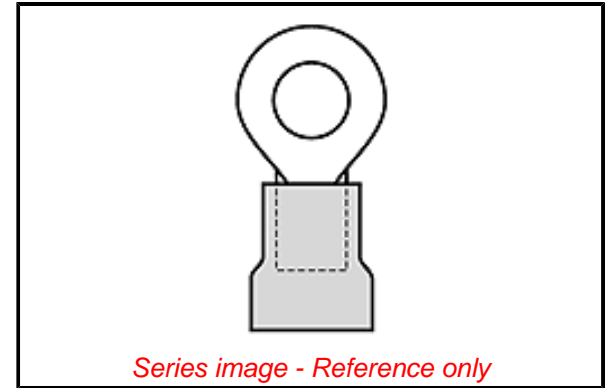
Lead-free Process Capability	N/A
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**Material Info**

Engineering Number	A-221-10X
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**Reference - Drawing Numbers**

Product Specification	194130107-000, 194130108-000, PS-19902-009-001, PS-19902-011-001, PS-19902-013-001
Sales Drawing	190540031-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

19054 Series

**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 #
PremiumGrade Hand Crimp Tool	<a href="#">640010100</a>
Crimp Head for the AT-200 Pneumatic Hand Tool	<a href="#">640050100</a>