

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

**Agency Certification**

CSA	LR18689
UL	E32244

**General**

Product Family	Ring and Spade Terminals
Series	<a href="#">19054</a>
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-freeProcess Capability	N/A
-----------------------------	-----

**Material Info**

Engineering Number	A-221-10X
--------------------	-----------

**Reference - Drawing Numbers**

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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

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	<a href="#">640010100</a>
--------------	---------------------------

Hand Crimp Tool for Avikrimp and InsulKrimp Terminals and Splices, 10-22 AWG and 6.0-0.5mm<sup>2</sup> (Rings, Spades, Hooks, Block Spades and Flanged Spades)

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

ServiceGrade Hand 640160036  
Crimp Tool for Field  
Repair only, for  
production use our  
PremiumGrade Tool

This document was generated on 09/14/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Terminals](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[00-054007-01074-6](#) [00-054007-70206-1](#) [00-054007-70210-8](#) [00-054007-70217-7](#) [00-054007-70226-9](#) [00-054007-70228-3](#) [00-054007-70248-1](#) [00-054007-70256-6](#) [00-054007-70301-3](#) [00-054007-70316-7](#) [0-0320562-0](#) [00-054007-49560-4](#) [00-054007-70209-2](#) [00-054007-70225-2](#) [00-054007-70227-6](#) [00-054007-70231-3](#) [00-054007-70241-2](#) [00-054007-70242-9](#) [00-054007-70244-3](#) [00-054007-70246-7](#) [00-054007-70263-4](#) [00-054007-70288-7](#) [00-054007-70290-0](#) [00-054007-70300-6](#) [00-054007-70304-4](#) [01-2065-1-0216](#) [01-2900-1-04412](#) [00581P0075](#) [600TS-10](#) [60205-1](#) [604200-1](#) [605601-1](#) [60598-1-CUT-TAPE](#) [61314-6-C](#) [61810-3](#) [61-S](#) [62149-1](#) [626-0194](#) [62-NBM-A](#) [62-SN](#) [62-SP](#) [640179-1](#) [M55155/059I03](#) [M55155/079C01](#) [M55155/099H02](#) [M55155/109H01](#) [M55155/109H02](#) [M55155/12XH05](#) [M55155/16XH02](#) [M55155/29-5S](#)