

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

**Part Number:** **0190990033**  
**Status:** **Active**  
**Overview:** Solderless Terminals  
**Description:** InsulKrimp Snap Spade for 16-14 AWG Wire, Stud Size 8 (M4), Mylar Tape Carrier, Length 22.12mm, Blue

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-19902-015-001 \(PDF\)](#)  
[Product Specification PS-19902-009-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-19902-011-001 \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E32244

**General**

Product Family Ring and Spade Terminals  
 Series [19099](#)  
 Crimp Quality Equipment Yes  
 Overview [Solderless Terminals](#)  
 Product Name InsulKrimp  
 Type Spade Snap  
 UPC 800753089204

**Physical**

Barrel Type Closed  
 Color - Resin Blue  
 Flammability 94V-0  
 Insulation PVC  
 Material - Plating Mating Tin  
 Net Weight 0.816/g  
 Packaging Type Adhesive Tape on Reel  
 Stud Size 8 (M4)  
 Wire Insulation Diameter 4.40mm max.  
 Wire Size AWG 14, 16

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

Engineering Number BB-2716-08XT

**Reference - Drawing Numbers**

Product Specification PS-19902-009-001, PS-19902-011-001,  
 PS-19902-015-001  
 Sales Drawing 190990032-000



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

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[19099 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 #
ATP Crimp Dies for the Tape Crimp Module and ATP-101 & 301 Press	<a href="#">192880123</a>
Mini-Mac Applicator	<a href="#">638850400</a>

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