

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0190770012](#)  
**Status:** **Active**  
**Overview:** [Solderless Terminals](#)  
**Description:** Avikrimp Steel Star Ring Tongue Terminal 18-22 AWG Wire, Stud Size 8 (M4), Mylar Tape Carrier

**Documents:**

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

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR18689 |
| UL  | E32244  |

**General**

|                         |                                      |
|-------------------------|--------------------------------------|
| Product Family          | Ring and Spade Terminals             |
| Series                  | <a href="#">19077</a>                |
| Crimp Quality Equipment | Yes                                  |
| Overview                | <a href="#">Solderless Terminals</a> |
| Product Name            | Avikrimp                             |
| Type                    | Ring                                 |
| UPC                     | 800753080836                         |

**Physical**

|                              |                       |
|------------------------------|-----------------------|
| Barrel Type                  | Closed                |
| Flammability                 | 94V-2                 |
| Insulation                   | Nylon (PA)            |
| Material - Plating Mating    | Tin                   |
| Net Weight                   | 0.740/g               |
| Packaging Type               | Adhesive Tape on Reel |
| Plating min - Mating         | 2.540µm               |
| Plating min - Termination    | 2.540µm               |
| Stud Size                    | 8 (M4)                |
| Termination Interface: Style | Crimp or Compression  |
| Wire Insulation Diameter     | 3.51mm max.           |
| Wire Size AWG                | 18, 20, 22            |

**Solder Process Data**

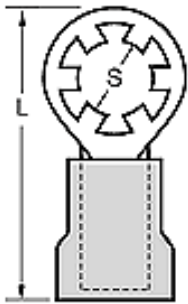
|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |               |
|--------------------|---------------|
| Engineering Number | SRA-S-829-08T |
|--------------------|---------------|

**Reference - Drawing Numbers**

|                       |                  |
|-----------------------|------------------|
| Product Specification | PS-19902-011-001 |
| Sales Drawing         | SD-19077-002-001 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[19077 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="#">192880038</a> |
| Mini-Mac Applicator                                              | <a href="#">638851400</a> |