

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

**Part Number:** [0190850006](#)  
**Status:** **Active**  
**Overview:** [Solderless Terminals](#)  
**Description:** Open Barrel Ring , Tin-Plated Brass, for 14-18 AWG Wire, Stud Size 10 (M5)

**Documents:**

|                                |                                                              |
|--------------------------------|--------------------------------------------------------------|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-19902-006-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">Product Specification PS-19902-011-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**Agency Certification**

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

**General**

|                         |                                      |
|-------------------------|--------------------------------------|
| Product Family          | Ring and Spade Terminals             |
| Series                  | <a href="#">19085</a>                |
| Crimp Quality Equipment | Yes                                  |
| Overview                | <a href="#">Solderless Terminals</a> |
| Product Name            | N/A                                  |
| Type                    | Ring                                 |
| UPC                     | 800755080292                         |

**Physical**

|                               |                      |
|-------------------------------|----------------------|
| Barrel Type                   | Open                 |
| Insulation                    | None                 |
| Material - Plating Mating     | Tin                  |
| Net Weight                    | 0.818/g              |
| Packaging Type                | Reel                 |
| Plating min - Mating          | 5.080µm              |
| Plating min - Termination     | 5.080µm              |
| Stud Size                     | 10 (M5)              |
| Temperature Range - Operating | 149°C                |
| Termination Interface: Style  | Crimp or Compression |
| Wire Insulation Diameter      | N/A                  |
| Wire Size AWG                 | 14, 16, 18           |
| Wire Size mm²                 | 0.80-2.00            |

**Electrical**

|                   |       |
|-------------------|-------|
| Voltage - Maximum | 2000V |
|-------------------|-------|

**Solder Process Data**

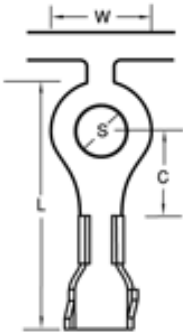
|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |            |
|--------------------|------------|
| Engineering Number | RZ-4129-10 |
|--------------------|------------|

**Reference - Drawing Numbers**

|                       |                                    |
|-----------------------|------------------------------------|
| Product Specification | PS-19902-006-001, PS-19902-011-001 |
| Sales Drawing         | SD-19085-002-001                   |



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**

**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**

[19085 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 #**

|                     |                           |
|---------------------|---------------------------|
| Mini-Mac Applicator | <a href="#">638815600</a> |
|---------------------|---------------------------|

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Authorized Distributor

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