

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0190690102](#)  
**Status:** **Active**  
**Description:** Krimptite™ Ring Tongue Terminal for 14-16 AWG Wire

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

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

**General**

|                         |                          |
|-------------------------|--------------------------|
| Product Family          | Ring and Spade Terminals |
| Series                  | <a href="#">19069</a>    |
| Crimp Quality Equipment | Yes                      |
| Mil-Spec                | N/A                      |
| Product Name            | Krimptite™               |
| Type                    | Ring                     |

**Physical**

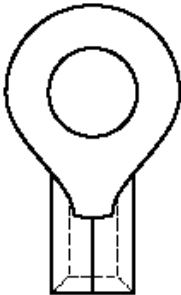
|                           |                       |
|---------------------------|-----------------------|
| Barrel Type               | Closed                |
| Insulation                | None                  |
| Material - Plating Mating | Tin                   |
| Packaging Type            | Adhesive Tape on Reel |
| Stud Size                 | 5-6 (M3-3.5)          |
| Wire Size AWG             | 14, 16                |
| Wire Size mm²             | 1.30 - 2.00           |

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | BB-123-06T |
|-----------------|------------|

**Reference - Drawing Numbers**

|               |              |
|---------------|--------------|
| Sales Drawing | SD-19069-013 |
|---------------|--------------|



Series  
image - Reference only

|                                                                                                                                                                           |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>EU RoHS</b><br><b>ELV and RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br><b>Contains SVHC: No</b><br><b>Halogen-Free</b><br><b>Status</b><br><b>Halogen-Free</b> | <b>China RoHS</b><br> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

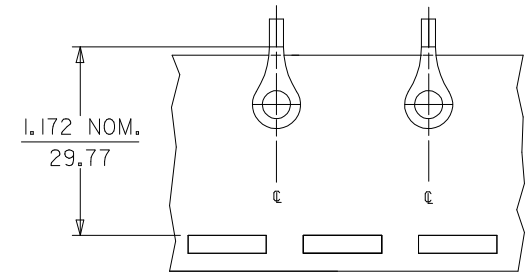
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[19069Series](#)

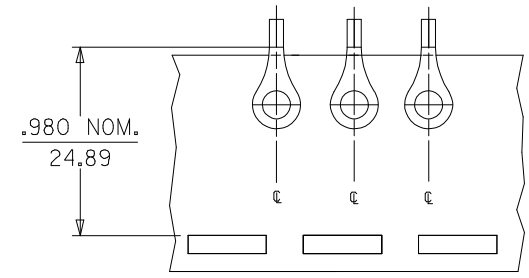
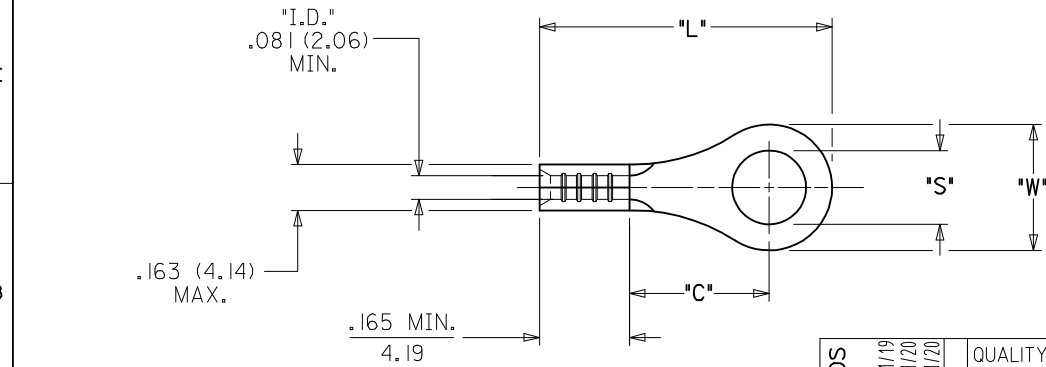
**Application Tooling | FAQ**  
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

| Global                                                    |                            |
|-----------------------------------------------------------|----------------------------|
| Description                                               | Product #                  |
| ATP Perishable                                            | <a href="#">0190270068</a> |
| Tool Kit used in ATP presses that process product on tape |                            |
| Mini-Mac™                                                 | <a href="#">0638853900</a> |
| Applicator, Air Feed                                      |                            |
| Mylar Tape                                                |                            |

| 10                          | 9         | 8                            | 7          | 6            | 5            | 4            | 3            | 2             | 19069 |
|-----------------------------|-----------|------------------------------|------------|--------------|--------------|--------------|--------------|---------------|-------|
| MATERIAL NO.<br>LOOSE PIECE | ENG. NO.  | MATERIAL NO.<br>TAPE MOUNTED | ENG. NO.   | STUD<br>SIZE | ±.003<br>"S" | "W"<br>MAX.  | "C"<br>MIN.  | "L"<br>MAX.   |       |
| 190690091                   | BB-118-10 | -----                        | -----      | 10           | .198 (5.03)  |              |              |               |       |
| 190690092                   | BB-118-14 | 190690133                    | BB-118-14T | 14           | .265 (6.73)  |              |              |               |       |
| 190690093                   | BB-118-38 | 190690094                    | BB-118-38T | 38 (A1)      | .390 (9.91)  | .544 (13.82) | .535 (13.59) | 1.010 (25.65) |       |
| 190690096                   | BB-118-56 | 190690097                    | BB-118-56T | 56 (A1)      | .328 (8.33)  |              |              |               |       |
| 190690098                   | BB-123-02 | 190690134                    | BB-123-02T | 2            | .094 (2.39)  |              |              |               |       |
| 190690099                   | BB-123-04 | 190690100                    | BB-123-04T | 4            | .119 (3.02)  | .260 (6.60)  | .209 (5.31)  | .560 (14.22)  |       |
| 190690101                   | BB-123-06 | 190690102                    | BB-123-06T | 6            | .146 (3.71)  |              |              |               |       |
| 190690103                   | BB-123-08 | 190690104                    | BB-123-08T | 8            | .173 (4.39)  |              |              |               |       |
| 190690105                   | BB-125-10 | 190690106                    | BB-125-10T | 10           | .198 (5.03)  |              |              |               |       |
| 190690107                   | BB-125-14 | 190690108                    | BB-125-14T | 14           | .265 (6.73)  | .477 (12.11) | .388 (9.86)  | .837 (21.26)  |       |
| 190690109                   | BB-125-56 | 190690110                    | BB-125-56T | 56           | .328 (8.33)  |              |              |               |       |
| 190690112                   | BB-137-06 | 190690113                    | BB-137-06T | 6            | .146 (3.71)  |              |              |               |       |
| 190690114                   | BB-137-08 | 190690115                    | BB-137-08T | 8            | .173 (4.39)  | .322 (8.18)  | .275 (6.98)  | .645 (16.38)  |       |
| 190690116                   | BB-137-10 | 190690117                    | BB-137-10T | 10           | .198 (5.03)  |              |              |               |       |
| 190690119                   | BB-139-04 | -----                        | -----      | 4            | .119 (3.02)  |              |              |               |       |
| 190690120                   | BB-139-06 | 190690138                    | BB-139-06T | 6            | .146 (3.71)  | .352 (8.94)  | .305 (7.75)  | .696 (17.68)  |       |
| 190690121                   | BB-139-08 | 190690122                    | BB-139-08T | 8            | .173 (4.39)  |              |              |               |       |
| 190690123                   | BB-139-10 | 190690124                    | BB-139-10T | 10           | .198 (5.03)  |              |              |               |       |



ENG. NO.  
BB-118-\*\*\* ONLY



NOTE(S):  
 1. MATERIAL: COPPER (.031/0.79 THICK)  
 PLATING: ELECTROPLATE TIN  
 2. WIRE SIZE: 16-14 AWG<sup>2</sup>  
 1.0 - 2.5 MM<sup>2</sup>  
 (A1) 3. PARTS ARE ROHS COMPLIANT.

# SALES DRAWING

|                                                                                                                                      |                    |                                                  |                                                            |        |                           |                                                                                                                               |                              |                                                         |                        |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------|------------------------------------------------------------|--------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------|------------------------|--|--|--|--|
| FIX SWAPPED STUDS<br>EC NO: WNA2009-0338<br>DRAWN:ETHRODAHL 2008/11/19<br>CHKD:JMACNEIL 2008/11/20<br>APPR:JMACNEIL 2008/11/20<br>A1 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>IN/MM  |                                                                                                                               | SCALE<br>---                 | DESIGN UNITS<br>INCH                                    | THIRD ANGLE PROJECTION |  |  |  |  |
|                                                                                                                                      |                    |                                                  |                                                            | mm     | INCH                      | DRAWN BY<br>DLM                                                                                                               | DATE<br>2003/02/21           | TITLE<br>RING TONGUE TERMINAL<br>KRIMPTITE<br>16-14 AWG |                        |  |  |  |  |
|                                                                                                                                      |                    |                                                  | 4 PLACES                                                   | ± ---  | ± ---                     | CHECKED BY<br>SB                                                                                                              | DATE<br>2003/02/21           |                                                         |                        |  |  |  |  |
|                                                                                                                                      |                    |                                                  | 3 PLACES                                                   | ± ---  | ± .005                    | APPROVED BY<br>RWD                                                                                                            |                              | DATE<br>2003/02/21                                      | MOLEX INCORPORATED     |  |  |  |  |
|                                                                                                                                      |                    |                                                  | 2 PLACES                                                   | ± 0.13 | ± .01                     |                                                                                                                               |                              |                                                         |                        |  |  |  |  |
| 1 PLACE                                                                                                                              | ± 0.25             | ± ---                                            | ANGULAR ± ---°                                             |        | MATERIAL NO.<br>SEE CHART |                                                                                                                               | DOCUMENT NO.<br>SD-19069-013 |                                                         | SHEET NO.<br>1 OF 1    |  |  |  |  |
|                                                                                                                                      |                    |                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SIZE<br>B                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                              |                                                         |                        |  |  |  |  |