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**Part Number:** **0192210238**  
**Status:** **Active**  
**Overview:** Battery Cable Lugs  
**Description:** Compression Style Ring Tongue Terminal for 1 AWG Wire, Stud Size 3/8" (M9), Plated

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-19902-013 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Specification PS-19902-017 (PDF)</a> |
| <a href="#">Product Specification PS-19901-017 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |
| <a href="#">Product Specification PS-19902-011 (PDF)</a> |  |

**Agency Certification**

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

**General**

|                         |                                    |
|-------------------------|------------------------------------|
| Product Family          | Ring and Spade Terminals           |
| Series                  | <u>19221</u>                       |
| Comments                | Heavy Duty                         |
| Crimp Quality Equipment | Yes                                |
| Mil-Spec                | N/A                                |
| Overview                | <a href="#">Battery Cable Lugs</a> |
| Product Name            | Battery Cable Lug                  |
| Type                    | Ring                               |
| UPC                     | 800753062375                       |

**Physical**

|                              |                      |
|------------------------------|----------------------|
| Barrel Type                  | Closed               |
| Insulation                   | None                 |
| Material - Plating Mating    | Tin                  |
| Net Weight                   | 11.941/g             |
| Packaging Type               | Bag                  |
| Plating min - Mating         | 4.064µm              |
| Plating min - Termination    | 4.064µm              |
| Stud Size                    | 3/8" (M9)            |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter     | N/A                  |
| Wire Size AWG                | 1                    |

**Solder Process Data**

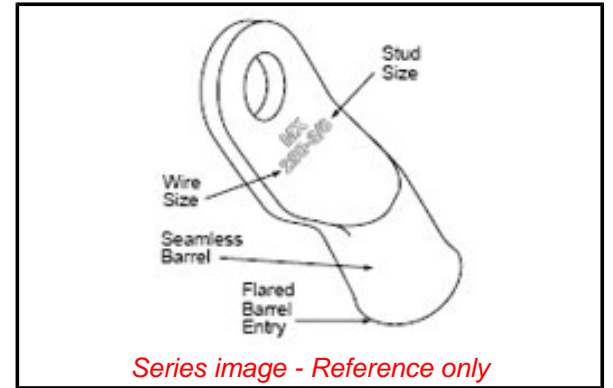
|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | BCL-138-PL |
|-----------------|------------|

**Reference - Drawing Numbers**

|                       |  |
|-----------------------|--|
| Product Specification | PS-19901-017, PS-19902-011, PS-19902-013, PS-19902-017 |
| Sales Drawing         | SD-19221-010   |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/108/2014 (17 Dec 2014)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

19221 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 #         |
|--|-------------------|
| Hydraulic Dieless Crimping Tool                                | <u>0638161700</u> |
| Hand Crimp Tool  | <u>0192840034</u> |
| Manual tool for Crimping non-insulated 8AWG thru 4/0 Terminals | <u>0192940008</u> |
| Manual Putt Pump Hydraulic System, Die set required            | <u>0192860117</u> |

Die Set (large) for 0192900011  
the HHLS Hydraulic  
Crimper  
Square "DIN" style 0640037970  
dies for 2 AWG

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