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**Part Number:** [0192210230](#)  
**Status:** **Active**  
**Description:** Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 1/4", Plated

**Documents:**

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

**General**

|                |                          |
|----------------|--------------------------|
| Product Family | Ring and Spade Terminals |
| Series         | <a href="#">19221</a>    |
| Comments       | Heavy Duty               |
| Mil-Spec       | N/A                      |
| Product Name   | Battery Cable Lug        |
| Type           | Ring                     |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Barrel Type                    | Closed               |
| Insulation                     | None                 |
| Material - Plating Mating      | Tin                  |
| Packaging Type                 | Bag                  |
| Plating min: Mating (µin)      | 160                  |
| Plating min: Mating (µm)       | 4                    |
| Plating min: Termination (µin) | 160                  |
| Plating min: Termination (µm)  | 4                    |
| Stud Size                      | 1/4" (M6)            |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | N/A                  |
| Wire Size AWG                  | 4                    |
| Wire Size mm <sup>2</sup>      | 96.3 - 117.0         |

**Electrical**

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

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | BCL-414-PL |
|-----------------|------------|

**Reference - Drawing Numbers**

|               |              |
|---------------|--------------|
| Sales Drawing | SD-19221-010 |
|---------------|--------------|



image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free Status**  
 Not Reviewed

**China RoHS**



**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**

[19221Series](#)

**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 #                  |
|--|----------------------------|
| Putt Pump Dieless Head System                                  | <a href="#">0192860065</a> |
| Hand Crimp Tool  | <a href="#">0192840034</a> |
| Die Set (large) for the HHLS Hydraulic Crimper                 | <a href="#">0192900007</a> |
| Manual Putt Pump Hydraulic System, Die set required            | <a href="#">0192860117</a> |
| Manual tool for Crimping non-insulated 8AWG thru 4/0 Terminals | <a href="#">0192940008</a> |

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