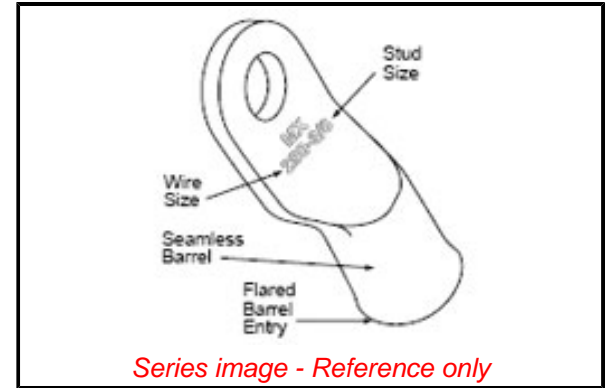


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0192210451](#)  
**Status:** **Active**  
**Overview:** Battery Cable Lugs  
**Description:** Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 10 (M5), Unplated

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification PS-19902-011-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Product Specification PS-19902-013-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Specification PS-19902-017-001 (PDF)</a> |
| <a href="#">Product Specification PS-19901-017-001 (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="#">19221</a>              |
| Comments                | Heavy Duty                         |
| Crimp Quality Equipment | Yes                                |
| Overview                | <a href="#">Battery Cable Lugs</a> |
| Product Name            | Battery Cable Lug                  |
| Taxonomy                | Ring and Spade Terminals           |
| Type                    | Ring                               |
| UPC                     | 800753065468                       |

**Physical**

|                              |                      |
|------------------------------|----------------------|
| Barrel Type                  | Closed               |
| Insulation                   | None                 |
| Material - Plating Mating    | Unplated             |
| Net Weight                   | 8.010/g              |
| Packaging Type               | Bag                  |
| Stud Size                    | 10 (M5)              |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter     | N/A                  |
| Wire Size AWG                | 4                    |

**Material Info**

|                    |         |
|--------------------|---------|
| Engineering Number | BCL-410 |
|--------------------|---------|

**Reference - Drawing Numbers**

|                       |  |
|-----------------------|--|
| Product Specification | PS-19901-017-001, PS-19902-011-001, PS-19902-013-001, PS-19902-017-001 |
| Sales Drawing         | SD-19221-010-001   |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)9120-DC (17  
Jan 2023)

**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**

[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 #**

Hand Crimp Tool for [192840034](#)

Eyelet Style Copper  
Lug Terminals 8-4/0  
AWG

Manual Putt Pump [192860117](#)

Hydraulic System,  
Die set required

Die Set (large) for [192900007](#)

the HHLS Hydraulic  
Crimper

Die Set (large) for [192900750](#)

the HHLS Hydraulic  
Crimper

|  |                  |
|--|------------------|
| Manual tool for<br>Crimping non-<br>insulated 8AWG thru<br>4/0 Terminals   | <u>192940008</u> |
| Square "DIN" style<br>dies for 4 AWG   | <u>640037870</u> |
| Square "Din" Style<br>Die Set for BCL<br>and VersaKrimp<br>Un-insulated Ring<br>Tongue Terminals<br>and Splices, 4 AWG | <u>640038670</u> |

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