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**Part Number:** [19221-0453](#)  
**Status:** **Active**  
**Overview:** [Battery Cable Lugs](#)  
**Description:** Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 1/2" (M12), Un-Plated

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-19902-013 \(PDF\)](#)  
[Product Specification PS-19902-011 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E32244

**General**

Product Family Ring and Spade Terminals  
 Series [19221](#)  
 Comments Heavy Duty  
 Crimp Quality Equipment Yes  
 Mil-Spec N/A  
 Overview [Battery Cable Lugs](#)  
 Product Name Battery Cable Lug  
 Type Ring  
 UPC 800753065505

**Physical**

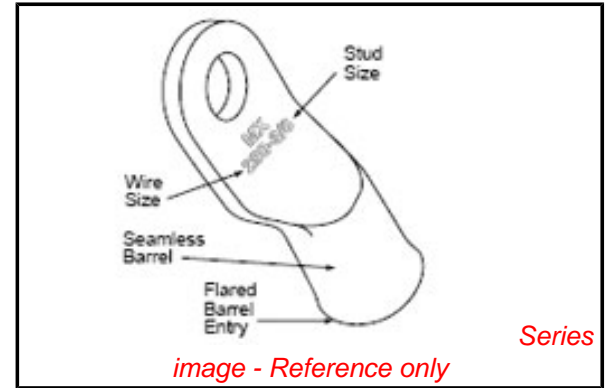
Barrel Type Closed  
 Insulation None  
 Material - Plating Mating Tin  
 Net Weight 12.138/g  
 Packaging Type Bag  
 Stud Size 1/2" (M12)  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter N/A  
 Wire Size AWG 4  
 Wire Size mm<sup>2</sup> 96.3 - 117.0

**Material Info**

Old Part Number BCL-412-XWP

**Reference - Drawing Numbers**

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



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

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

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