



**Part Number :** [192210230](#)  
**Product Description :** Compression Style Ring  
Tongue Terminal for 4 AWG Wire, Stud Size  
1/4" (M6), Tin Plated  
**Series Number :** 19221  
**Status :** Active  
**Product Category :** Ring and Spade Terminals  
**Engineering Number :** BCL-414-PL



## Documents & Resources

### Drawings

[Drawing 192210230\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 192210230\\_stp.zip](#)

### Specifications

[Product Specification PS-19901-017-001.pdf](#)


[Product Specification PS-19902-011-001.pdf](#)

[Product Specification PS-19902-013-001.pdf](#)

[Product Specification PS-19902-017-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Ring and Spade Terminals
Series	19221
Description	Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 1/4" (M6), Tin Plated
Comments	Heavy Duty
Keyword	Ring Terminal, Ring Terminals
Product Family	Battery Cable Lugs
Product Name	Battery Cable Lug
Type	Ring
UPC	800753062290

### Agency

CSA	LR18689
UL	E32244

### Physical

Barrel Type	Closed
Insulation	None
Material - Plating Mating	Tin
Net Weight	9.290/g
Packaging Type	Bag
Plating min - Mating	4.064µm

Plating min - Termination	4.064µm
Stud Size	1/4" (M6)
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	N/A
Wire Size (AWG)	4

## Solder Process Data

Lead-Free Process Capability	N/A
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## Application Tooling

### Global

Description	Part Number
Hand Crimp Tool for Eyelet Style Copper Lug Terminals 8-4/0 AWG	<u>192840034</u>
Putt Pump Hydraulic Head Crimper, Die Set Required, For Insulated and Non-Insulated Terminals and Splices	<u>192860117</u>
Die Set (Large) for the HHLS Hydraulic Crimper	<u>192900007</u>
Die Set (Large) for the HHLS Hydraulic Crimper	<u>192900750</u>
Manual tool for Crimping non-insulated 8AWG thru 4/0 Terminals	<u>192940008</u>
Square "DIN" Style Dies for 4 AWG	<u>640037870</u>
Square "Din" Style Die Set for BCL and VersaKrimp Un-insulated Ring Tongue Terminals and Splices, 4 AWG	<u>640038670</u>
Putt Pump Dieless Head Crimper, For Insulated and Non-Insulated Terminals and Splices	<u>638162000</u>