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Part Number: [0192210230](#)
Status: **Active**
Overview: [Battery Cable Lugs](#)
Description: Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 1/4" (M6), Tin Plated

Documents:
[3D Model](#) [Product Specification PS-19902-011-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Specification PS-19902-013-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Product Specification PS-19902-017-001 \(PDF\)](#)
[Product Specification PS-19901-017-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR18689
UL E32244

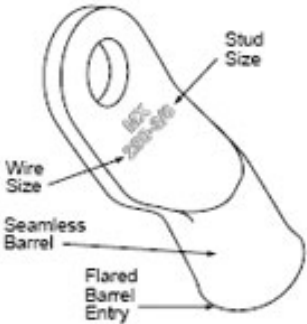
General
Product Family Ring and Spade Terminals
Series [19221](#)
Comments Heavy Duty
Crimp Quality Equipment Yes
Overview [Battery Cable Lugs](#)
Product Name Battery Cable Lug
Type Ring
UPC 800753062290

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-freeProcess Capability N/A

Material Info
Engineering Number BCL-414-PL

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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
D(2020)4578-DC (25
June 2020)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates 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	192840034
Manual Putt Pump Hydraulic System, Die set required	192860117
Die Set (large) for the HHLS Hydraulic Crimper	192900007
Die Set (large) for the HHLS Hydraulic Crimper	192900750
Manual tool for Crimping non-insulated 8AWG thru 4/0 Terminals	192940008

Hydraulic Dieless Crimping Tool	<u>638161700</u>
Square "DIN" style dies for 4 AWG	<u>640037870</u>
Square "Din" Style Die Set for BCL and VersaKrimp	<u>640038670</u>
Un-insulated Ring Tongue Terminals and Splices, 4 AWG	

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