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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)



Series image - Reference only

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
Taxonomy	Ring and Spade Terminals
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-free Process Capability	N/A
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Material Info

Engineering Number	BCL-414-PL
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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)4187-DC (10 June 2022)

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 #
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Hand Crimp Tool for Eyelet Style Copper Lug Terminals 8-4/0 AWG	192840034
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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
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Manual tool for Crimping non-insulated 8AWG thru 4/0 Terminals	<u>192940008</u>
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 Un-insulated Ring Tongue Terminals and Splices, 4 AWG	<u>640038670</u>

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