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Part Number: [0192210452](#)
Status: **Active**
Overview: [Battery Cable Lugs](#)
Description: Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 10 (M5), Tin Plated

Documents:

3D Model	Product Specification PS-19902-013-001 (PDF)
Drawing (PDF)	Product Specification PS-19902-017-001 (PDF)
Product Specification PS-19901-017-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-19902-011-001 (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	800753065482

Physical

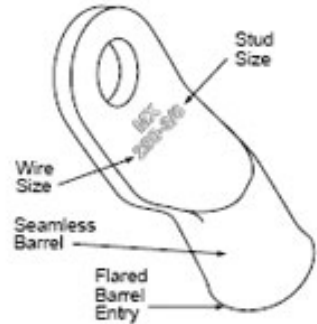
Barrel Type	Closed
Insulation	None
Material - Plating Mating	Tin
Net Weight	7.838/g
Packaging Type	Bag
Plating min - Mating	4.064µm
Plating min - Termination	4.064µm
Stud Size	10 (M5)
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	N/A
Wire Size AWG	4

Material Info

Engineering Number	BCL-410-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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

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	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

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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