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Part Number: [0192210453](#)
Status: **Active**
Overview: [Battery Cable Lugs](#)
Description: Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 1/2" (M12), Unplated

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	800753065505

Physical

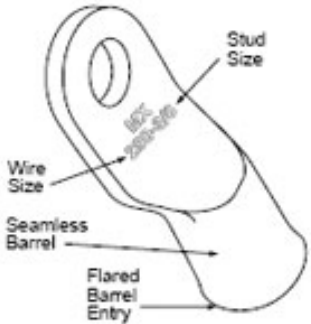
Barrel Type	Closed
Insulation	None
Net Weight	12.138/g
Packaging Type	Bag
Stud Size	1/2" (M12)
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	N/A
Wire Size AWG	4

Material Info

Engineering Number	BCL-412-XWP
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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 -
ECHA_01_2020 (16
January 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	192860117
Hydraulic System, Die set required	
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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