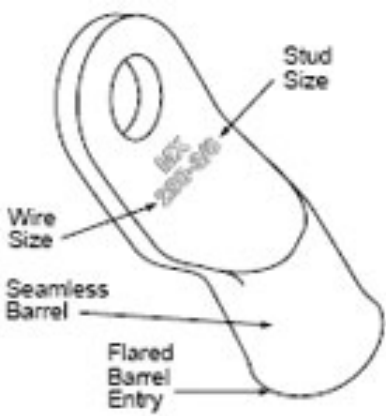




Part Number : [192210454](#)
Product Description : Compression Style Ring
Tongue Terminal for 4 AWG Wire, Stud Size
1/2" (M12), Tin Plated
Series Number : 19221
Status : Active
Product Category : Ring and Spade Terminals
Engineering Number : BCL-412-XWP-PL



Documents & Resources

Drawings
[192210454_sd.pdf](#)

3D Models and Design Files
[192210454_stp.zip](#)

Specifications
[PS-19901-017-001.pdf](#)
[PS-19902-011-001.pdf](#)
[PS-19902-013-001.pdf](#)
[PS-19902-017-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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

Part Details

General

Status	Active
Category	Ring and Spade Terminals
Series	19221
Description	Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 1/2" (M12), Tin Plated
Comments	Heavy Duty
Keyword	Ring Terminal, Ring Terminals
Product Name	Battery Cable Lug
Type	Ring
UPC	800753065536

Agency

CSA	LR18689
UL	E32244

Physical

Barrel Type	Closed
Insulation	None
Material - Plating Mating	Tin
Net Weight	12.846/g
Packaging Type	Bag
Plating min - Mating	4.064µm
Plating min - Termination	4.064µm
Stud Size	1/2" (M12)

Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	N/A
Wire Size (AWG)	4

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 8 AWG 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>