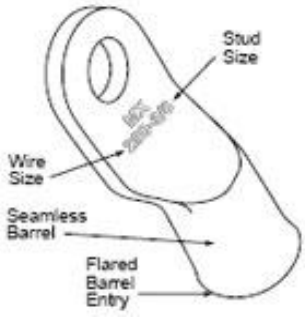
Part Number : 192210453
Product Description : Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 1/2" (M12), Unplated, Carton
Series Number : 19221
Status : Active
Product Category : Ring and Spade Terminals
Engineering Part Number : BCL-412-XWP



Documents and Resources

Drawings

192210453_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-19901-017-001.pdf

PS-19902-013-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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), Unplated, Carton
Comments	Heavy Duty
Keyword	Ring Terminal, Ring Terminals
Product Name	Battery Cable Lug
Style	Ring, Unplated
Type	Battery Cable Lug
UPC	800753065505

Agency

CSA	LR18689
UL	E32244

Physical

Barrel Type	Closed
Insulation	None
Material - Plating Mating	Unplated
Net Weight	12.138/g

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Packaging Type	Carton
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	192840034
Putt Pump Hydraulic Head Crimper, Die Set Required, For Insulated and Non-Insulated Terminals and Splices	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 8 AWG thru 4/0 Terminals	192940008
Square “DIN” Style Dies for 4 AWG	640037870
Square "Din" Style Die Set for BCL and VersaKrimp Un-insulated Ring Tongue Terminals and Splices, 4 AWG	640038670

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