Part Number : 504199001
Product Description : Mighty-SPOX Crimp Terminal, 3.50mm Pitch, Reel
Series Number : 50419
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : 504199101 (Bag)



Documents and Resources

Drawings

504199001_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-51067-008-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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	Crimp Terminals
Series	50419
Description	Mighty-SPOX Crimp Terminal, 3.50mm Pitch, Reel
Application	Power, Wire-to-Wire
Product Name	Mighty-SPOX
UPC	800753617162

Physical

Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	147.400/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40-3.00mm
Wire Size (AWG)	18, 20, 22, 24
Wire Size mm^2	N/A

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Mates With / Use With

Mates with Part(s)

Description	Part Number
Mighty-SPOX Female Crimp Terminals	50217

Use with Part(s)

Description	Part Number
Mighty-SPOX Plug Housings	51114

Application Tooling

Global

Description	Part Number
Hand Crimp Tool For 3.50 Wire-to-Wire Connector, Crimp Pin	638238700
Hand Crimp Tool For 3.50 Wire-to-Wire Connector, Crimp Pin	638238800
FineAdjust Applicator for 3.50 Wire-to-Wire Connector, Crimp Pin	639022100

Japan

Description	Part Number
Hand Extraction Tool	573166000
S-1 Applicator for 3.50mm Pitch Crimp Terminal, 24-18 AWG, UL1007 Wires	573283700
S-1 Applicator for 3.50mm Pitch Crimp Terminal, 24-18 AWG, UL1015 Wires	573283710

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