



**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)



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## Documents & Resources

### Drawings

[504199001\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)


### Specifications

[PS-51067-008-001.pdf](#)

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## 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)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- 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

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## 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 <sup>2</sup>	N/A

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mighty-SPOX Female Crimp Terminals	<u>50217</u>

### Use with Part(s)

Description	Part Number
Mighty-SPOX Plug Housings	<u>51114</u>

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## Application Tooling

### Global

Description	Part Number
Hand Crimp Tool For 3.50 Wire-to-Wire Connector, Crimp Pin	<u>638238700</u>
Hand Crimp Tool For 3.50 Wire-to-Wire Connector, Crimp Pin	<u>638238800</u>
FineAdjust Applicator for 3.50 Wire-to-Wire Connector, Crimp Pin	<u>639022100</u>
FineAdjust Applicator for 3.50 Wire-to-Wire Connector, Crimp Pin	<u>639022200</u>
T2 Terminator for 3.50 Wire-to-Wire Connector, Crimp Pin	<u>639122100</u>
T2 Terminator for 3.50 Wire-to-Wire Connector, Crimp Pin	<u>639122200</u>

### Japan

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

UL1015 Wires	
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