



**Part Number :** 502179101

**Product Description :** Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 24-18 AWG, Bag, Brass

**Series Number :** 50217

**Status :** Active

**Product Category :** Crimp Terminals

**Packaging Alternative :** 502179001 (Reel)



## Documents & Resources

### Drawings

[502179101\\_sd.pdf](#)

### 3D Models and Design Files

[502179101\\_stp.zip](#)

### Specifications

[502179200-200.pdf](#)

[SPK-50217-001-001.pdf](#)

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

[PS-51067-002-001.pdf](#)

[PS-51067-005-001.pdf](#)

[PS-51067-007-001.pdf](#)

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

[PS-51067-016-001.pdf](#)

[PS-51067-017-001.pdf](#)

[PS-51067-019-001.pdf](#)

[PS-51067-020-001.pdf](#)

[PS-51067-021-001.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(2024)7663-DC (21 Jan 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

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	50217
Description	Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 24-18 AWG, Bag, Brass
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	Mighty-SPOX
UPC	800754369671

### Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin

Material - Plating Termination	Tin
Net Weight	238.300/mg
Packaging Type	Bag
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

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mighty-SPOX Male Crimp Terminals	<u>50419</u>

### Use with Part(s)

Description	Part Number
Mighty-SPOX Receptacle Housings	<u>51067</u>

## Application Tooling

### Global

Description	Part Number
PremiumGrade Hand Crimp Tool for 3.50mm Terminals for 24-18 AWG UL1015 and UL1007 or Equivalent Wire	<u>638118300</u>
Extraction and Activation Tool	<u>638132700</u>
FineAdjust Applicator, Large Insulation	<u>638603000</u>
FineAdjust Applicator, Small Insulation	<u>638603100</u>

# Japan

Description	Part Number
Hand Crimper - UL1007	<u>571895000</u>
Hand Crimper - UL1015	<u>571905000</u>

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