



**Part Number :** [502178100](#)

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

**Series Number :** 50217

**Status :** Not Recommended For New Design

**Product Category :** Crimp Terminals

**Packaging Alternative :** [502178000](#) (Reel)



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## Documents and Resources

### Specifications

[502179200-200.pdf](#)

[PS-51067-003-001.pdf](#)

[PS-51067-004-001.pdf](#)

[PS-51067-006-001.pdf](#)

[PS-51067-018-001.pdf](#)


[PS-51067-022-001.pdf](#)

[PS-51067-023-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 47; 34
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

## 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	Not Recommended For New Design
Category	Crimp Terminals
Series	50217
Description	Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 24-18 AWG, Bag, Phosphor Bronze
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	Mighty-SPOX
UPC	800754369572

### Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	247.500/mg
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40-3.00mm
Wire Size (AWG)	18, 20, 22, 24

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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 Male Crimp Terminals	<u>50419</u>

### Use with Part(s)

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

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## 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>

### Japan

Description	Part Number
Hand Extraction Tool	<u>11260100</u>
Hand Crimper - UL1007	<u>571895000</u>
Hand Crimper - UL1015	<u>571905000</u>

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