



Part Number : [502179101](#)

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

Series Number : 50217

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : [0502179001 \(Reel\)](#)



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## Documents & Resources

### Drawings

[Drawing 502179101\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 502179101\\_stp.zip](#)

### Specifications

[Packaging Specification 502179200-200.pdf](#)

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

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

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

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

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

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

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

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

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


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

[Product Specification PS-51067-021-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21

REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

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

### EU RoHS Certificate of Compliance

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## Part Details

### General

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

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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 18-24 AWG UL1015 and UL1007 or Equivalent Wire	<u>0638118300</u>
Extraction and Activation Tool	<u>0638132700</u>
FineAdjust Applicator, Large Insulation	<u>0638603000</u>
FineAdjust Applicator, Small Insulation	<u>0638603100</u>

### Application Tooling

#### Japan

Description	Part Number
Hand Crimper - UL1007	<u>0571895000</u>
Hand Crimper - UL1015	<u>0571905000</u>