



Part Number : [502179001](#)

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

Series Number : 50217

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : [502179101](#) (Bag)



Documents & Resources

Drawings

[502179001_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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](#)

Tooling Specifications

[CS-50217_50539-001.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)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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	50217
Description	Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 24-18 AWG, Reel, Brass
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	Mighty-SPOX
UPC	800753630277

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	238.300/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

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>
T2 Terminator Die, Large Insulation	<u>638503000</u>

T2 Terminator Die, Small Insulation	<u>638503100</u>
FineAdjust Applicator, Large Insulation	<u>638603000</u>
FineAdjust Applicator, Small Insulation	<u>638603100</u>

Japan

Description	Part Number
S-1 Applicator for 3.50mm Pitch Crimp Terminal, 24-18 AWG, UL1007 Wires	<u>571833700</u>
S-1 Applicator for 3.50mm Pitch Crimp Terminal, 24-18 AWG, UL1015 Wires	<u>571833710</u>