

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0502179101**  
**Status:** **Active**  
**Overview:** Mighty-SPOX Connector System  
**Description:** Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 18-24 AWG, Bag, Brass

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51067-016-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51067-017-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-51067-019-001 (PDF)</a>
<a href="#">Product Specification PS-51067-001-001 (PDF)</a>	<a href="#">Product Specification PS-51067-020-001 (PDF)</a>
<a href="#">Product Specification PS-51067-002-001 (PDF)</a>	<a href="#">Packaging Specification 502179200-200 (PDF)</a>
<a href="#">Product Specification PS-51067-005-001 (PDF)</a>	<a href="#">Packaging Specification SPK-50217-001-001 (PDF)</a>
<a href="#">Product Specification PS-51067-007-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51067-008-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	50217
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Mighty-SPOX Connector System</u>
Packaging Alternative	502179001 (Reel)
Product Name	Mighty-SPOX
UPC	800754369671

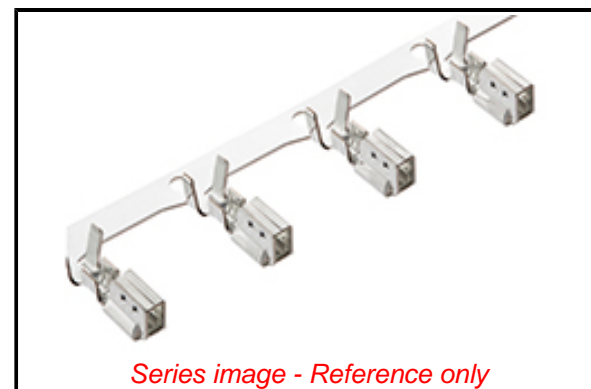
**Physical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	502179200-200, SPK-50217-001-001
Product Specification	PS-51067-001-001, PS-51067-002-001, PS-51067-005-001, PS-51067-007-001, PS-51067-008-001, PS-51067-016-001, PS-51067-017-001, PS-51067-019-001, PS-51067-020-001
Sales Drawing	SD-50217-XXXX-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

50217 Series

**Mates With**

50419

**Use With**

51067

**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
PremiumGrade	<a href="#">638118300</a>
Hand Crimp Tool for 3.50mm Terminals for 18-24 AWG UL1015 and UL1007 or Equivalent Wire Extraction and Activation Tool	<a href="#">638132700</a>

FineAdjust Applicator, Large Insulation	<u>638603000</u>
FineAdjust Applicator, Small Insulation	<u>638603100</u>

<b>Japan</b>	
<b>Description</b>	<b>Product #</b>
Hand Crimper - UL1007	<u>571895000</u>
Hand Crimper - UL1015	<u>571905000</u>

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