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**Part Number:** **0502178000**  
**Status:** **Active**  
**Overview:** Mighty-SPOX Connector System  
**Description:** Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 18-24 AWG, Reel, Phosphor Bronze

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51067-018 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51067-022-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-51067-023-001 (PDF)</a>
<a href="#">Product Specification PS-51067-003 (PDF)</a>	<a href="#">Packaging Specification 502179200-200 (PDF)</a>
<a href="#">Product Specification PS-51067-004 (PDF)</a>	<a href="#">Packaging Specification SPK-50217-001-001 (PDF)</a>
<a href="#">Product Specification PS-51067-006 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (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	502178100 (Loose)
Product Name	Mighty-SPOX
UPC	800753576148

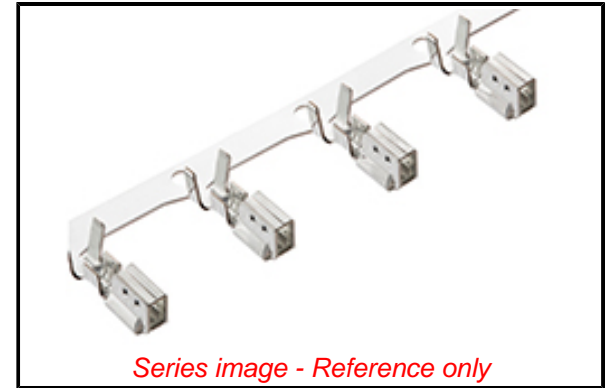
**Physical**

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	160.000/mg
Packaging Type	Reel
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
Wire Size mm <sup>2</sup>	N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	502179200-200, SPK-50217-001-001
Product Specification	PS-51067-003, PS-51067-004, PS-51067-006, PS-51067-018, PS-51067-022-001, PS-51067-023-001
Sales Drawing	SD-50217-XXXX



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**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 #
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Hand Crimp Tool, UL Approved	<a href="#">638118300</a>
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Extraction and Activation Tool	<a href="#">638132700</a>
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T2 Terminator Die, Large Insulation	<a href="#">638503000</a>
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T2 Terminator Die, Small Insulation	<a href="#">638503100</a>
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FineAdjust 638603000  
Applicator, Large  
Insulation  
FineAdjust 638603100  
Applicator, Small  
Insulation

**Japan**

**Description** **Product #**

Hand Extraction Tool 11260100  
Applicator for M211A 571833000  
Bench Press, 18-24  
AWG Wire  
S-1 Applicator for 571833700  
3.50mm Pitch Crimp  
Terminal, 18-24  
AWG, UL1007 Wires  
S-1 Applicator for 571833710  
3.50mm Pitch Crimp  
Terminal, 18-24  
AWG, UL1015 Wires

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