

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

3D Model	Product Specification PS-51067-018 (PDF)
Drawing (PDF)	Product Specification PS-51067-022-001 (PDF)
3D Model (PDF)	Product Specification PS-51067-023-001 (PDF)
Product Specification PS-51067-003 (PDF)	Packaging Specification 502179200-200 (PDF)
Product Specification PS-51067-004 (PDF)	Packaging Specification SPK-50217-001-001 (PDF)
Product Specification PS-51067-006 (PDF)	RoHS Certificate of Compliance (PDF)

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

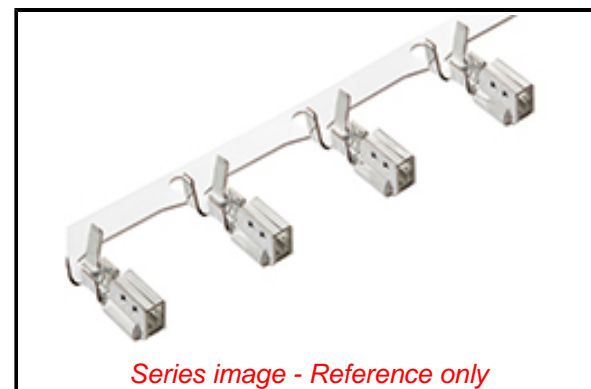
Physical

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 ²	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 #
Hand Crimp Tool, UL Approved	638118300
Extraction and Activation Tool	638132700
T2 Terminator Die, Large Insulation	638503000
T2 Terminator Die, Small Insulation	638503100

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

Japan

Description	Product #
--------------------	------------------

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

This document was generated on 11/05/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-](#)
[5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-](#)
[367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)