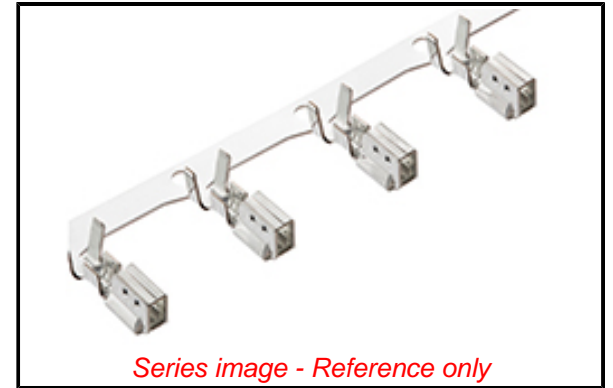


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0502179001](#)
Status: **Active**
Overview: Mighty-SPOX Connector System
Description: Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 18-24 AWG, Reel, Brass

Documents:

3D Model	Product Specification PS-51067-016-001 (PDF)
3D Model (PDF)	Product Specification PS-51067-017-001 (PDF)
Drawing (PDF)	Product Specification PS-51067-019-001 (PDF)
Product Specification PS-51067-001-001 (PDF)	Product Specification PS-51067-020-001 (PDF)
Product Specification PS-51067-002-001 (PDF)	Product Specification PS-51067-021-001 (PDF)
Product Specification PS-51067-005-001 (PDF)	Packaging Specification 502179200-200 (PDF)
Product Specification PS-51067-007-001 (PDF)	Packaging Specification SPK-50217-001-001 (PDF)
Product Specification PS-51067-008-001 (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	502179101 (Loose)
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

Material Info

Reference - Drawing Numbers

Crimp Specification	CS-50217_50539-001
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, PS-51067-021-001
Sales Drawing	SD-50217-XXXX-001, SD-50217-XXXX-002

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 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	638118300
--------------	---------------------------

Hand Crimp Tool for
3.50mm Terminals
for 18-24 AWG
UL1015 and UL1007
or Equivalent Wire
Extraction and

Activation Tool	638132700
-----------------	---------------------------

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	Product #
--------------------	------------------

Applicator for M211A Bench Press, 18-24 AWG Wire	<u>571833000</u>
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 12/22/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION