



Part Number : [510670500](#)
Product Description : Mighty-SPOX Wire-to-Wire and Wire-to-Board Housing, 3.50mm Pitch, Positive Lock, 5 Circuits, Natural
Series Number : [51067](#)
Status : Active
Product Category : [Connector Housings](#)



Documents & Resources

Drawings

- [Drawing 510670500_sd.pdf](#)
- [Packaging Design Drawing SPK-51067-001-001.pdf](#)
- [Packaging Design Drawing SPK-51067-001-002.pdf](#)

3D Models and Design Files

- [3D Model 510670500_stp.zip](#)

Specifications

- [Product Specification PS-51067-001-001.pdf](#)
- [Product Specification PS-51067-002-001.pdf](#)
- [Product Specification PS-51067-003-001.pdf](#)
- [Product Specification PS-51067-004-001.pdf](#)
- [Product Specification PS-51067-005-001.pdf](#)
- [Product Specification PS-51067-006-001.pdf](#)
- [Product Specification PS-51067-007-001.pdf](#)
- [Product Specification PS-51067-008-001.pdf](#)
- [Product Specification PS-51067-016-001.pdf](#)
- [Product Specification PS-51067-017-001.pdf](#)
- [Product Specification PS-51067-018-001.pdf](#)
- [Product Specification PS-51067-019-001.pdf](#)
- [Product Specification PS-51067-021-001.pdf](#)
- [Product Specification PS-51067-022-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant

Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Connector Housings
Series	51067
Description	Mighty-SPOX Wire-to-Wire and Wire-to-Board Housing, 3.50mm Pitch, Positive Lock, 5 Circuits, Natural
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Mighty-SPOX Connector System
Product Name	Mighty-SPOX
UPC	800753574403

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	5
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Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Material - Resin	Polyester
Net Weight	1068.900/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	3.50mm
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mighty-SPOX Plug Housings	<u>51114</u>
3.50mm Pitch Mighty-SPOX Vertical Headers	<u>53258</u>
3.50mm Pitch Mighty-SPOX Right-Angle Headers	<u>53259</u>
7.00mm Pitch Mighty-SPOX Vertical Headers	<u>53265</u>
7.00mm Pitch Mighty-SPOX Right-Angle Headers	<u>53266</u>

Use with Part(s)

Description	Part Number
Mighty-SPOX Female Crimp Terminals	<u>50217</u>