Part Number : 510670600
Product Description : Mighty-SPOX Wire-to-Wire and Wire-to-Board Housing, 3.50mm Pitch, Positive Lock, 6 Circuits, Natural
Series Number : 51067
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

510670600_sd.pdf

SPK-51067-001-001.pdf

SPK-51067-001-002.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-51067-002-001.pdf

PS-51067-003-001.pdf

PS-51067-004-001.pdf

PS-51067-005-001.pdf

PS-51067-006-001.pdf

PS-51067-007-001.pdf

PS-51067-008-001.pdf

PS-51067-016-001.pdf

PS-51067-017-001.pdf

PS-51067-018-001.pdf

PS-51067-019-001.pdf

PS-51067-020-001.pdf

PS-51067-021-001.pdf

PS-51067-022-001.pdf

PS-51067-023-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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, 6 Circuits, Natural

Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mighty-SPOX
UPC	800753630611

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	6
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	No
Material - Resin	Polyester
Net Weight	1247.100/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	51114
3.50mm Pitch Mighty-SPOX Vertical Headers	53258
3.50mm Pitch Mighty-SPOX Right-Angle Headers	53259
7.00mm Pitch Mighty-SPOX Vertical Headers	53265
7.00mm Pitch Mighty-SPOX Right-Angle Headers	53266

Use with Part(s)

Description	Part Number
Mighty-SPOX Female Crimp Terminals	50217