



**Part Number :** 510670400

**Series Number :** 51067

**Product Category :** Connector Housings

**Product Description :** Mighty-SPOX Wire-to-Wire and Wire-to-Board Housing, 3.50mm Pitch, Positive Lock, 4 Circuits, Natural

**Status :** Active

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## Documents & Resources

### Drawings

Drawing 510670400\_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 510670400\_stp.zip

### Specifications

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-51067-020-001.pdf

Product Specification PS-51067-021-001.pdf


Product Specification PS-51067-022-001.pdf

Product Specification PS-51067-023-001.pdf

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## 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<br>(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

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**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, 4 Circuits, Natural |
| Application    | Power, Wire-to-Board, Wire-to-Wire   |
| Product Family | Mighty-SPOX Connector System   |
| Product Name   | Mighty-SPOX  |
| UPC            | 800753574397   |

**Agency**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**Physical**

|                    |         |
|--------------------|---------|
| Circuits (maximum) | 4       |
| Color - Resin      | Natural |
| Flammability       | 94V-0   |

|                               |                |
|-------------------------------|----------------|
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Material - Resin              | Polyester      |
| Net Weight                    | 890.600/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 |

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## 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> |