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**Part Number:** [0532581029](#)  
**Status:** **Active**  
**Overview:** Mighty-SPOX Connector System  
**Description:** Mighty-SPOX Header, 3.50mm Pitch, Vertical, 10 Circuits, Brass (CuZn) Contact

**Documents:**

|                                |   |
|--------------------------------|---|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-51067-019-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification SPK-53258-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

**Agency Certification**

UL E29179

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers                                  |
| Series         | <a href="#">53258</a>                        |
| Application    | Power, Wire-to-Board                         |
| Overview       | <a href="#">Mighty-SPOX Connector System</a> |
| Product Name   | Mighty-SPOX                                  |
| UPC            | 822348254095                                 |

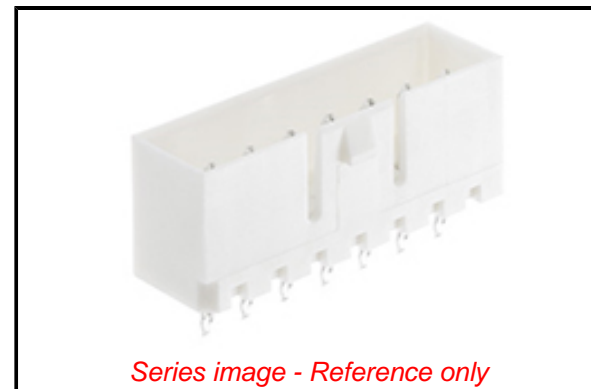
**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 10             |
| Circuits (maximum)             | 10             |
| Durability (mating cycles max) | 30             |
| First Mate / Last Break        | No             |
| Flammability                   | 94V-0          |
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | Yes            |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Net Weight                     | 2334.300/mg    |
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| PC Tail Length                 | 3.50mm         |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| PCB Thickness - Recommended    | 1.60mm         |
| Packaging Type                 | Tray           |
| Pitch - Mating Interface       | 3.50mm         |
| Plating min - Mating           | 1.016µm        |
| Plating min - Termination      | 1.016µm        |
| Polarized to PCB               | No             |
| Shrouded                       | Fully          |
| Stackable                      | No             |
| Temperature Range - Operating  | -40° to +105°C |
| Termination Interface: Style   | Through Hole   |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5.5A |
| Voltage - Maximum             | 250V |

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Not 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**

[53258 Series](#)

**Mates With**

[51067](#) Wire-to-Wire and Wire-to-Board  
Housing

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

SPK-53258-001-001

PS-51067-019-001

SD-53258-005-001

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