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Part Number:

0532580529

Status:

Active

Overview:

Mighty-SPOX Connector System

Description:

Mighty-SPOX Header, 3.50mm Pitch, Vertical, 5 Circuits, Brass (CuZn) Contact

|                |                                                 |
|----------------|-------------------------------------------------|
| Documents:     |                                                 |
| 3D Model       | Product Specification PS-51067-019-001 (PDF)    |
| 3D Model (PDF) | Packaging Specification SPK-53258-001-001 (PDF) |
| Drawing (PDF)  | RoHS Certificate of Compliance (PDF)            |

Agency Certification

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

General

|                |                              |
|----------------|------------------------------|
| Product Family | PCB Headers                  |
| Series         | 53258                        |
| Application    | Power, Wire-to-Board         |
| Component Type | PCB Header                   |
| Overview       | Mighty-SPOX Connector System |
| Product Name   | Mighty-SPOX                  |
| Taxonomy       | PCB Headers and Receptacles  |
| UPC            | 822348254040                 |

Physical

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 5              |
| Circuits (maximum)             | 5              |
| Durability (mating cycles max) | 30             |
| First Mate / Last Break        | No             |
| 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                     | 1254.900/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

China RoHS

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | 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 | SPK-53258-001-001 |
| Product Specification   | PS-51067-019-001  |
| Sales Drawing           | SD-53258-005-001  |

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