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**Part Number:** [0532580229](#)  
**Status:** **Active**  
**Overview:** [Mighty-SPOX Connector System](#)  
**Description:** [Mighty-SPOX Header, 3.50mm Pitch, Vertical, 2 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**

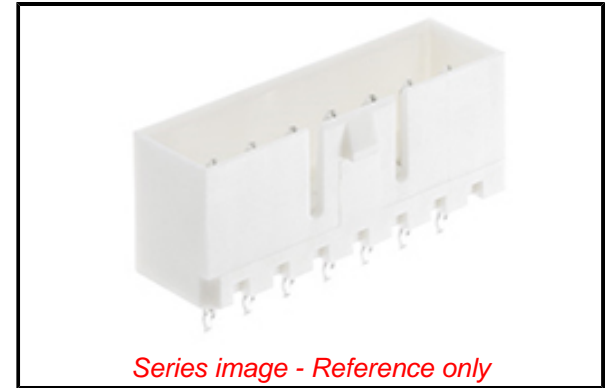
Product Family	PCB Headers
Series	<a href="#">53258</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mighty-SPOX Connector System</a>
Product Name	Mighty-SPOX
UPC	822348254019

**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
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
Material - Resin	Polyester
Net Weight	607.300/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



*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

**Material Info**

**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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