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**Part Number:** [0532580329](#)  
**Status:** **Active**  
**Overview:** [Mighty-SPOX Connector System](#)  
**Description:** [Mighty-SPOX Header, 3.50mm Pitch, Vertical, 3 Circuits, Brass \(CuZn\) Contact](#)

**Documents:**

[3D Model](#) [Packaging Specification SPK-53258-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51067-019-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

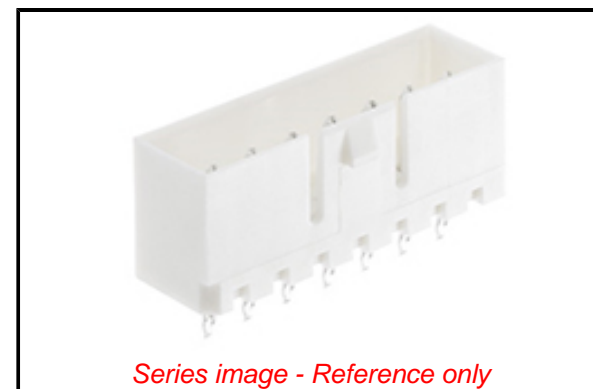
Product Family PCB Headers  
 Series [53258](#)  
 3D Viewer Yes  
 Application Power, Wire-to-Board  
 CURRENT-MAX-NUMERIC 5.5  
 Overview [Mighty-SPOX Connector System](#)  
 PITCH-MATING-NUMERIC 3.50  
 Product Name Mighty-SPOX  
 UPC 822348254026

**Physical**

Breakaway No  
 Circuits (Loaded) 3  
 Circuits (maximum) 3  
 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 823.200/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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**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

Voltage - Maximum

250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SPK-53258-001-001

Product Specification

PS-51067-019-001

Sales Drawing

SD-53258-005

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