

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0532580729](#)  
**Status:** **Active**  
**Overview:** [Mighty-SPOX Connector System](#)  
**Description:** [Mighty-SPOX Header, 3.50mm Pitch, Vertical, 7 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**

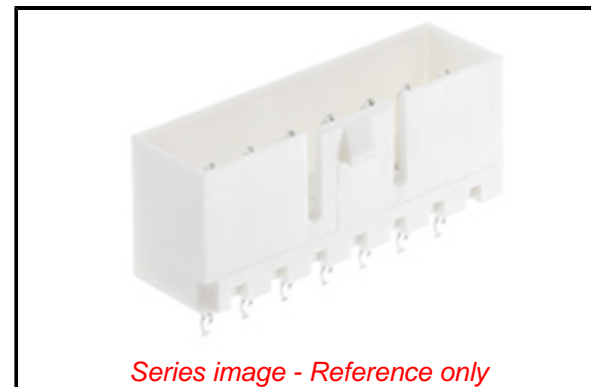
Product Family PCB Headers  
Series [53258](#)  
3D Viewer Yes  
Application Power, Wire-to-Board  
CURRENT-MAX-NUMERIC 5.5  
Overview [Mighty-SPOX Connector System](#)  
PITCH-MATING-NUMERIC 3.50  
Product Name Mighty-SPOX  
UPC 822348254064

**Physical**

Breakaway No  
Circuits (Loaded) 7  
Circuits (maximum) 7  
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 1686.700/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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