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

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 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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS	China 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	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

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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