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Part Number: [0532580629](#)
Status: **Active**
Overview: Mighty-SPOX Connector System
Description: Mighty-SPOX Header, 3.50mm Pitch, Vertical, 6 Circuits, Brass (CuZn) Contact

Documents:

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

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	53258
Application	Power, Wire-to-Board
Overview	Mighty-SPOX Connector System
Product Name	Mighty-SPOX
UPC	822348254057

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	1470.800/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

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 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

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53258-001-001

PS-51067-019-001

SD-53258-005

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