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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	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
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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	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
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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 - Maximum250V

Material Info

Reference - Drawing Numbers

Packaging SpecificationSPK-53258-001-001

Product SpecificationPS-51067-019-001

Sales DrawingSD-53258-005

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