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Part Number: [0532590629](#)
Status: **Active**
Overview: [Mighty-SPOX Connector System](#)
Description: [Mighty-SPOX Header, 3.50mm Pitch, Right-Angle, 6 Circuits, Brass \(CuZn\) Contact](#)

Documents:

3D Model	Product Specification PS-51067-019-001 (PDF)
3D Model (PDF)	Packaging Specification SPK-53259-001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	53259
Application	Power, Wire-to-Board
Component Type	PCB Header
Overview	Mighty-SPOX Connector System
Product Name	Mighty-SPOX
Taxonomy	PCB Headers and Receptacles
UPC	822348135417

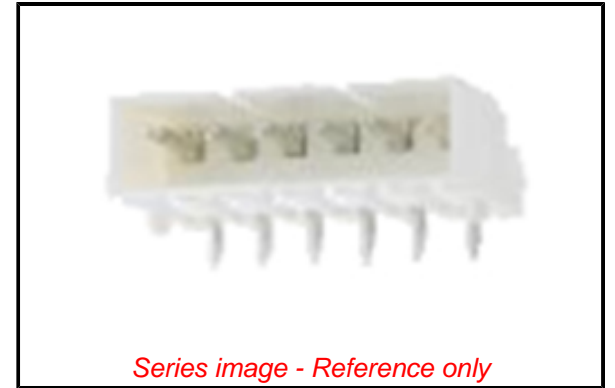
Physical

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	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	1764.300/mg
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.50mm
Polarized to PCB	Yes
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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)4187-DC (10
June 2022)

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

[53259](#) Series

Mates With

[51067](#) Crimp Housing, [50217](#) Crimp Terminal

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53259-001-001

PS-51067-019-001

SD-53259-003-001

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