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Part Number: [0532590829](#)
Status: **Active**
Overview: [Mighty-SPOX Connector System](#)
Description: [Mighty-SPOX Header, 3.50mm Pitch, Right-Angle, 8 Circuits, Brass \(CuZn\) Contact](#)

Documents:
[3D Model](#) [Packaging Specification SPK-53259-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51067-019-001 \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [53259](#)
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 822348135431

Physical

Breakaway No
Circuits (Loaded) 8
Circuits (maximum) 8
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 2270.600/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



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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[53259](#) Series

Mates With

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53259-001-001
Product Specification	PS-51067-019-001
Sales Drawing	SD-53259-003

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