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Part Number: [0532583003](#)
Status: **Active**
Overview: [Mighty-SPOX Connector System](#)
Description: Mighty-SPOX Header, 3.50mm Pitch, Vertical, 3 Circuits, Phosphor Bronze (CuSn) Contact

Documents:

[3D Model](#) [Packaging Specification SPK-53258-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51067-022-001 \(PDF\)](#)

General

Product Family	PCB Headers
Series	53258
3D Viewer	Yes
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	4.5
Overview	Mighty-SPOX Connector System
PITCH-MATING-NUMERIC	3.50
Product Name	Mighty-SPOX
UPC	822348807192

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	918.300/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	4.5A
Voltage - Maximum	250V

Material Info



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

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

SPK-53258-001-001

PS-51067-022-001

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