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Part Number: [0532580829](#)
Status: **Active**
Overview: [Mighty-SPOX Connector System](#)
Description: [Mighty-SPOX Header, 3.50mm Pitch, Vertical, 8 Circuits, Brass \(CuZn\) Contact](#)

Documents:

[3D Model](#) [Product Specification PS-51067-019-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification SPK-53258-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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 822348254071

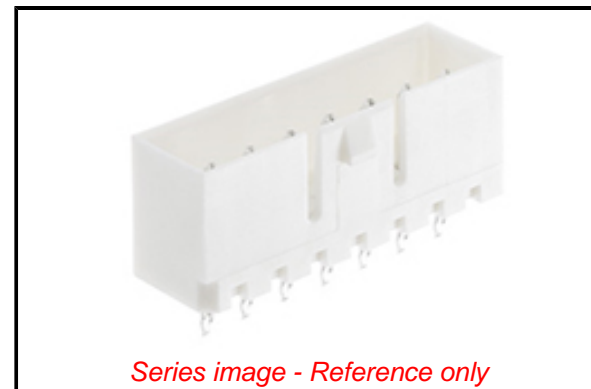
Physical

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 None
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 1902.500/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(2021)4569-DC (8
 July 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-53258-005-001

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