

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0532590929](#)
Status: **Active**
Overview: [Mighty-SPOX Connector System](#)
Description: Mighty-SPOX Header, 3.50mm Pitch, Right-Angle, 9 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	822348135448

Physical	
Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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	2523.800/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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant 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

This document was generated on 09/25/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[53259-0929](#)