

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0532581229

Status:

Active

Overview:

Mighty-SPOX Connector System

Description:

Mighty-SPOX Header, 3.50mm Pitch, Vertical, 12 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
Taxonomy	PCB Headers and Receptacles
UPC	822348254415

Physical	
Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	2766.000/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	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	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	SPK-53258-001-001
Product Specification	PS-51067-019-001
Sales Drawing	SD-53258-005-001

This document was generated on 09/01/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION