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**53259-0229**

**Molex**

Headers & Wire Housings 3.5 WtB Wafer Assy R B Wafer Assy RA  
2Ckt

Any questions, please feel free to contact us.  
[info@kaimte.com](mailto:info@kaimte.com)

**Part Number:** [0532590229](#)  
**Status:** **Active**  
**Overview:** [Mighty-SPOX Connector System](#)  
**Description:** [Mighty-SPOX Header, 3.50mm Pitch, Right-Angle, 2 Circuits, Brass \(CuZn\) Contact](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51067-019-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification SPK-53259-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">53259</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mighty-SPOX Connector System</a>
Product Name	Mighty-SPOX
UPC	822348135066

**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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	751.500/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

**Material Info**

**Reference - Drawing Numbers**

**EU ELV**  
Not Released

**EU RoHS**  
Compliance

**REACH**  
Not Contained  
D(2021)4  
July 2021

**Halogen**  
Status

**Not Low**

For more

China RoHS  
ELV  
RoHS PH

**Search**  
53259

**Mates**  
[51067](#)  
Termination

Packaging Specification  
Product Specification  
Sales Drawing

SPK-53259-001-001  
PS-51067-019-001  
SD-53259-003-001

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