



Part Number : [532650229](#)
Product Description : Mighty-SPOX Header,
7.00mm Pitch, Vertical, 2 Circuits, Brass
(CuZn) Contact
Series Number : 53265
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings

[Drawing 532650229_sd.pdf](#)
[Packaging Design Drawing SPK-53265-001.pdf](#)

3D Models and Design Files


[3D Model 532650229_stp.zip](#)

Specifications

[Product Specification PS-51067-007-001.pdf](#)
[Product Specification PS-51067-020-001.pdf](#)
[Product Specification PS-51067-021-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	53265
Description	Mighty-SPOX Header, 7.00mm Pitch, Vertical, 2 Circuits, Brass (CuZn) Contact
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Family	Mighty-SPOX Connector System
Product Name	Mighty-SPOX
UPC	822348208104

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	6.0A
Voltage - Maximum	250V

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	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	756.700/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	7.00mm
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mighty-SPOX Receptacle Housings	<u>51067</u>