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**Part Number:** [0022057085](#)  
**Status:** **Active**  
**Overview:** [Mini-SPOX Wire-to-Board Connector System](#)  
**Description:** 2.50mm Pitch, Mini-SPOX PCB Header, Single Row, Through Hole, Tin Plating, Friction Lock, 8 Circuits, Bag, 3.50mm PC Tail Length

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification 52641001-PS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5264-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-5268-001-001 (PDF)</a>
<a href="#">2D Drawing (DXF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">2D Drawing DXF (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">5268</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Mini-SPOX Wire-to-Board Connector System</a>
Product Name	Mini-SPOX
UPC	800753592834

**Physical**

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
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 - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	805.400/mg
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.50mm
Plating min - Mating	4.064µm
Plating min - Termination	4.064µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 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**

[5268 Series](#)

**Mates With**

Mini-SPOX Receptacle Housing [5264](#)

Termination Interface: Style

Through Hole

**Electrical**

Current - Maximum per Contact

3.0A

Voltage - Maximum

250V

**Material Info**

Engineering Number

5268-08A

**Reference - Drawing Numbers**

Packaging Specification

SPK-5268-001-001

Product Specification

52641001-PS-000, PS-5264-001-001

Sales Drawing

52680001-SD-000

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