

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0010321061](#)  
**Status:** **Active**  
**Overview:** [SPOX Connector System](#)  
**Description:** 5.08mm Pitch SPOX Wire-to-Board Header, Vertical, with Friction Lock, 6 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-5197-003-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-5197-004-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5281-002-001 (PDF)</a>
<a href="#">Product Specification PS-5197-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

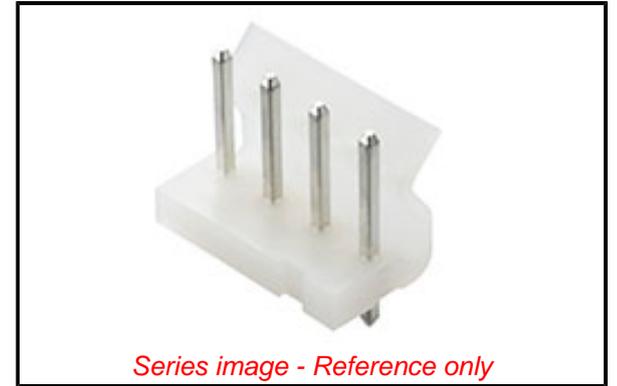
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">5281</a>
Application	Power, Wire-to-Board
Overview	<a href="#">SPOX Connector System</a>
Product Name	SPOX
Taxonomy	PCB Headers and Receptacles
UPC	800753691186

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
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
Material - Resin	Nylon
Net Weight	2373.400/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	5.08mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**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**

[5281](#) Series

**Mates With**

[5197](#) SPOX Crimp Housing

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

7.0A  
250V

**Material Info**

Engineering Number

5281-06A

**Reference - Drawing Numbers**

Product Specification

PS-5197-001-001, PS-5197-003-001,  
PS-5197-004-001, PS-5281-002-001

Sales Drawing

SD-5281-001-001

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