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**Part Number:** [10-31-1028](#)  
**Status:** **Active**  
**Description:** 5.00/7.50mm Pitch SPOX™ Header, Vertical, with Friction Lock, 2 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-5289-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-5289-001 (PDF)</a>
<a href="#">Product Specification PS-5199-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-5199-002 (PDF)</a>	

**Agency Certification**

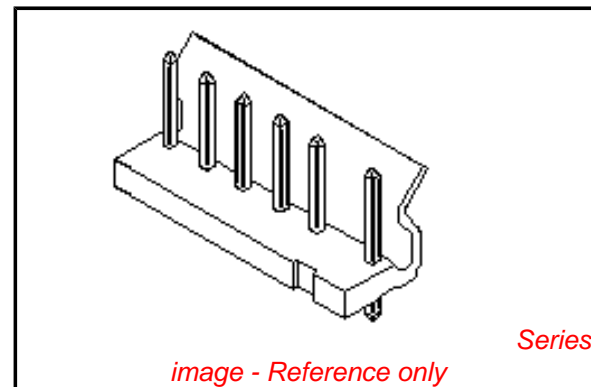
CSA	LR19980
TUV	R72090224
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">5289</a>
Application	Power, Wire-to-Board
Product Name	SPOX™
UPC	800753611405

**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	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	916.600/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	5.00mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

[5289Series](#)

**Mates With**

[5199 SPOX™ Crimp Terminal Housing](#)

**Electrical**

Current - Maximum per Contact

7A

Voltage - Maximum

250V

**Material Info**

Old Part Number

5289-2A

**Reference - Drawing Numbers**

Packaging Specification

SPK-5289-001

Product Specification

PS-5199-001, PS-5199-002, PS-5289-001,

RPS-5199-001, RPS-5289-002

Sales Drawing

SD-5289-004

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