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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:

- | | |
|---|--|
| 3D Model | Product Specification PS-5289-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-5289-001 (PDF) |
| Product Specification PS-5199-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-5199-002 (PDF) | |

Agency Certification

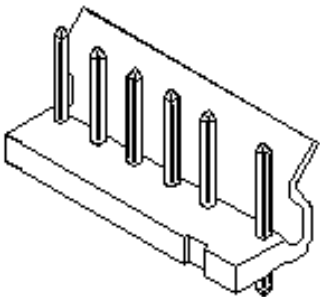
CSA	LR19980
TUV	R72090224
UL	E29179

General

Product Family	PCB Headers
Series	5289
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



Series

image - Reference only

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
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
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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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