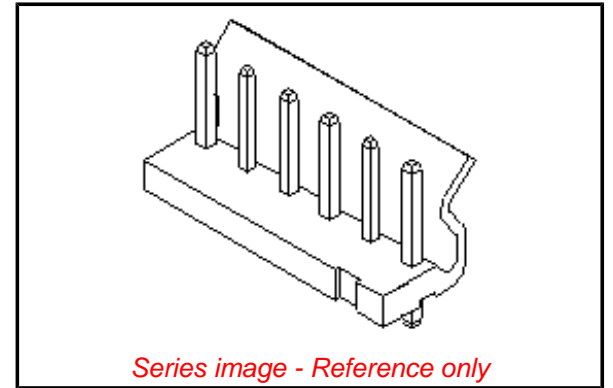


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**Part Number:** [0010321031](#)  
**Status:** **Active**  
**Description:** 5.08mm (.200") Pitch SPOX™ Wire-to-Board Header, Vertical, with Friction Lock, 3 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-5197-004 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5197-005 (PDF)</a>
<a href="#">Product Specification PS-5197-001 (PDF)</a>	<a href="#">Product Specification PS-5281-002 (PDF)</a>
<a href="#">Product Specification PS-5197-003 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	PCB Headers
Series	<a href="#">5281</a>
Application	Wire-to-Board
Product Name	SPOX™

**Physical**

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.142 In
PC Tail Length (mm)	3.60 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.200 In
Pitch - Mating Interface (mm)	5.08 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

CSA	LR19980
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**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Halogen-Free**

**Status**

**Not Reviewed**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**China RoHS**



**Search Parts in this Series**

[5281](#) Series

**Mates With**

[5197](#) SPOX™ Crimp Terminal Housing

Current - Maximum	7A
TUV	R72090224
UL	E29179
Voltage - Maximum	250V

**Material Info**

Old Part Number	5281-03A
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**Reference - Drawing Numbers**

Product Specification	PS-5197-001
Product Specification	PS-5197-003
Product Specification	PS-5197-004
Product Specification	PS-5197-005
Product Specification	PS-5281-002
Product Specification	RPS-5197-001
Product Specification	RPS-5281-001
Sales Drawing	SD-5281-NA

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