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Part Number: [0010321081](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: 5.08mm Pitch SPOX™ Wire-to-Board Header, Vertical, with Friction Lock, 8 Circuits

Documents:

3D Model	Product Specification PS-5197-004 (PDF)
Drawing (PDF)	Product Specification PS-5281-002-001 (PDF)
Product Specification PS-5197-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5197-003 (PDF)	

Agency Certification

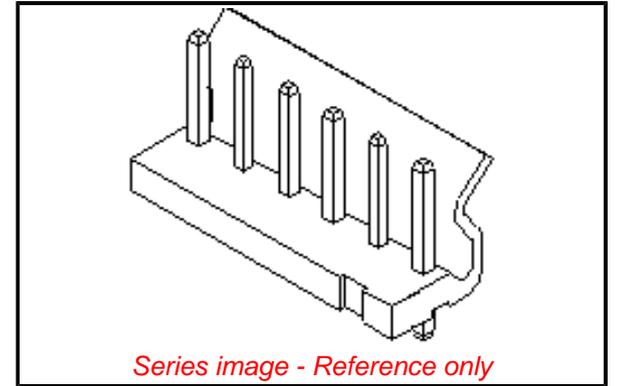
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	5281
Application	Power, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	SPOX™
UPC	800754221016

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	3179.300/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°C to +105°C
Termination Interface: Style	Through Hole



EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free
Status

Low-Halogen

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

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[5281](#) Series

Mates With

[5197](#) SPOX™ Crimp Terminal Housing

Electrical

Current - Maximum per Contact
Voltage - Maximum

7.0A
250V

Material Info

Engineering Number

5281-08A

Reference - Drawing Numbers

Product Specification

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

Sales Drawing

SD-5281-001

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