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Part Number: [0010321091](#)
Status: **Active**
Overview: SPOX Connector System
Description: 5.08mm Pitch SPOX Wire-to-Board Header, Vertical, with Friction Lock, 9 Circuits

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	5281
Application	Power, Wire-to-Board
Overview	SPOX Connector System
Product Name	SPOX
UPC	800753611078

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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	3582.200/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 -
ECHA_01_2020 (16
January 2020

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

5281-09A

Reference - Drawing Numbers

Product Specification

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

Sales Drawing

SD-5281-001-001

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