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Part Number: 0010321021
Status: Active
Overview: SPOX Connector System
Description: 5.08mm Pitch SPOX Wire-to-Board Header, Vertical, with Friction Lock, 2 Circuits



Series image - Reference only

Documents:

Drawing (PDF)
3D Model (PDF)
3D Model
Product Specification PS-5197-001 (PDF)
Product Specification PS-5197-003 (PDF)
Product Specification PS-5197-004 (PDF)
Product Specification PS-5281-002-001 (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	800753611443

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 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	761.700/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 | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - D(2020)9139-DC (19 Jan 2021)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
5281 Series

Mates With
5197 SPOX Crimp Housing

Electrical	
Current - Maximum per Contact	7.0A
Voltage - Maximum	250V
Material Info	
Engineering Number	5281-02A
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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