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Part Number:

0010321071

Status:

Active

Overview:

SPOX Connector System

Description:

5.08mm Pitch SPOX Wire-to-Board Header, Vertical, with Friction Lock, 7 Circuits

Documents:	
Drawing (PDF)	Product Specification PS-5197-003-001 (PDF)
3D Model	Product Specification PS-5197-004-001 (PDF)
3D Model (PDF)	Product Specification PS-5281-002-001 (PDF)
Product Specification PS-5197-001-001 (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
Taxonomy	PCB Headers and Receptacles
UPC	800754220866

Physical	
Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	2776.300/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° to +105°C
Termination Interface: Style	Through Hole



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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	5281-07A
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Reference - Drawing Numbers

Product Specification	PS-5197-001-001, PS-5197-003-001, PS-5197-004-001, PS-5281-002-001
Sales Drawing	SD-5281-001-001

This document was generated on 09/02/2022

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