

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0010321061](#)
Status: **Active**
Overview: [SPOX Connector System](#)
Description: 5.08mm Pitch SPOX Wire-to-Board Header, Vertical, with Friction Lock, 6 Circuits

Documents:
[3D Model](#) [Product Specification PS-5197-003 \(PDF\)](#)
[3D Model \(PDF\)](#) [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 \(PDF\)](#)

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 800753691186

Physical

Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
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 2373.400/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

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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	5281-06A
--------------------	----------

Reference - Drawing Numbers

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

This document was generated on 07/13/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION