

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0009652029](#)
Status: **Active**
Overview:
Description: 3.96mm (.156") Pitch SPOX™ and KK® Wire-to-Board Header, Vertical, with Friction Lock, with Void, 2 Circuits

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-5196-001 \(PDF\)](#)
[Product Specification PS-5196-004 \(PDF\)](#)
[Product Specification PS-5196-005 \(PDF\)](#)
- [Product Specification PS-5196-006 \(PDF\)](#)
[Product Specification PS-5277-001 \(PDF\)](#)
[Product Specification PS-5277-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

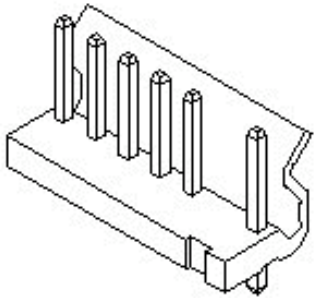
Product Family	PCB Headers
Series	5277
Application	Wire-to-Board
Overview	KK®
Product Name	KK®
Product Name	SPOX™

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	3
Durability (mating cycles max)	30
Flammability	94V-2
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.142 In
PC Tail Length (mm)	3.60 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	7A
TUV	R72090224
UL	E29179
Voltage - Maximum	250V



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

China RoHS



Not Reviewed

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

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

Search Parts in this Series

[5277 Series](#)

Mates With

[5196](#) SPOX™ Crimp Housing. [5194](#)
SPOX™ Crimp Terminal. [5225](#) SPOX™
Crimp Terminal. [5265](#) KK® Crimp Housing.
[5167](#) KK® Crimp Terminal

Material Info

Old Part Number 5277-02A

Reference - Drawing Numbers

Product Specification	PS-5196-001
Product Specification	PS-5196-004
Product Specification	PS-5196-005
Product Specification	PS-5196-006
Product Specification	PS-5277-001
Product Specification	PS-5277-002
Product Specification	RPS-5196-002
Product Specification	RPS-5196-004
Sales Drawing	SD-5277-001

This document was generated on 11/04/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION