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Part Number: [09-65-2089](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: SPOX™ and KK® 396 Wire-to-Board Header, Vertical, with Friction Lock, with Void, 8 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 \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R72090224
UL	E29179

General

Product Family	PCB Headers
Series	5277
Application	Power, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	KK® 396, SPOX™
UPC	800753613737

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	9
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
Net Weight	2920.000/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	3.96mm
Pitch - Termination Interface	3.96mm
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

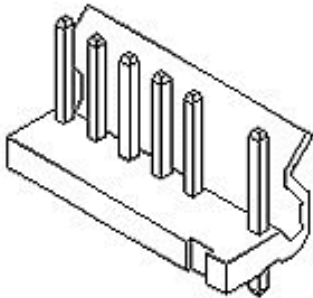


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Series

EU RoHS

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

China RoHS



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

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[5277Series](#)

Mates With

[5196](#) SPOX™ Crimp Housing, [5194](#)
SPOX™ Crimp Terminal, [5225](#) SPOX™
Crimp Terminal, [5265](#) KK® 396 Crimp
Housing, [5167](#) KK® Crimp Terminal

Current - Maximum per Contact	7A
Voltage - Maximum	250V
Material Info	
Old Part Number	5277-08A
Reference - Drawing Numbers	
Product Specification	PS-5196-001, PS-5196-004, PS-5196-005, PS-5196-006, PS-5277-001, PS-5277-002, RPS-5196-002, RPS-5196-004
Sales Drawing	SD-5277-001

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