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**Part Number:** **09-65-2029**  
**Status:** **Active**  
**Overview:** KK® Interconnection System  
**Description:** 3.96mm Pitch SPOX™ and KK® Wire-to-Board Header, Vertical, with Friction Lock, with Void, 2 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-5196-006 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5277-001 (PDF)</a>
<a href="#">Product Specification PS-5196-001 (PDF)</a>	<a href="#">Product Specification PS-5277-002 (PDF)</a>
<a href="#">Product Specification PS-5196-004 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-5196-005 (PDF)</a>	

**Agency Certification**

CSA	LR19980
TUV	R72090224
UL	E29179

**General**

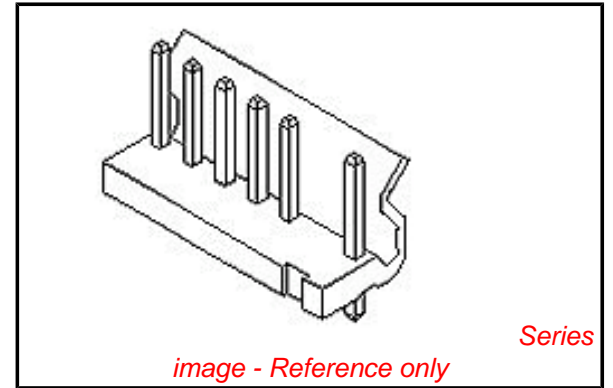
Product Family	PCB Headers
Series	<u>5277</u>
Application	Power, Wire-to-Board
Overview	<u>KK® Interconnection System</u>
Product Name	KK®, SPOX™
UPC	800753619241

**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
Net Weight	831.000/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
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**

Current - Maximum per Contact	7A
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**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](mailto: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® Crimp Housing](#), [5167 KK® Crimp Terminal](#)

Voltage - Maximum

250V

**Material Info**

Old Part Number

5277-02A

**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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