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Part Number:

09-65-2029

Status:

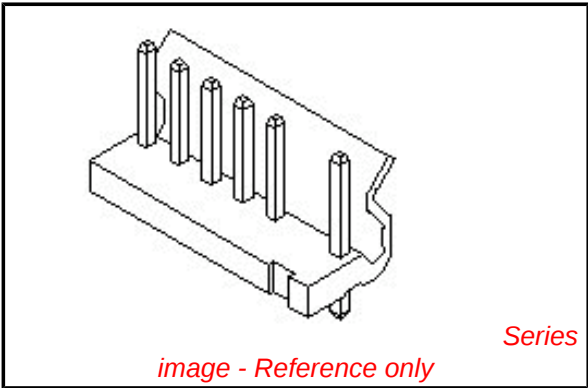
Active

Overview:

KK® Interconnection System

Description:

3.96mm Pitch SPOX™ and KK® Wire-to-Board Header, Vertical, with Friction Lock, with Void, 2 Circuits



- Documents:
- 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® Interconnection System |
| Product Name   | KK®, 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                 | 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   |
| Voltage - Maximum             | 250V |

Material Info

EU RoHSChina RoHS

ELV and RoHS  
Compliant  
REACH SVHC  
Contains SVHC: No  
Low-Halogen Status  
Not Reviewed



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 Series5277Series

Mates With  
5196 SPOX™ Crimp Housing, 5194 SPOX™ Crimp Terminal, 5225 SPOX™ Crimp Terminal, 5265 KK® Crimp Housing, 5167 KK® Crimp Terminal

Old Part Number5277-02A  
UPC800753619241

**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  
SD-5277-001

Sales Drawing

This document was generated on 06/26/2012

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