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**Part Number:** [0009521036](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 396 PC Board Connector, Right Angle, Nylon Connector, 5.00µm Tin \(Sn\), 3 Circuits](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-2145-001-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-08-50-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Receptacles  
Series [2145](#)  
Application Board-to-Board, Power  
Overview [KK® Interconnect System - Molex](#)  
Product Name KK® 396  
UPC 800754905428

**Physical**

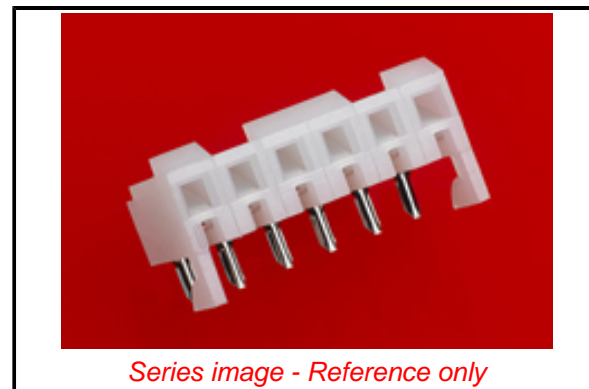
Circuits (Loaded) 3  
Circuits (maximum) 3  
Color - Resin Natural  
Flammability 94V-2  
Glow-Wire Compliant No  
Lock to Mating Part Yes  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin Nylon  
Net Weight 0.930/g  
Number of Rows 1  
Orientation Right Angle  
PC Tail Length 3.68mm  
PCB Locator No  
PCB Retention Yes  
PCB Thickness - Recommended 0.80mm  
Packaging Type Tray  
Pitch - Mating Interface 3.96mm  
Pitch - Termination Interface 3.96mm  
Plating min - Mating 5.080µm  
Plating min - Termination 5.080µm  
Polarized to PCB Yes  
Temperature Range - Operating See Product Specification  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 5.0A  
Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005  
Lead-free Process Capability WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 235



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

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

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[2145 Series](#)

**Material Info**

Engineering Number

A-2145-AA03B-197

**Reference - Drawing Numbers**

Packaging Specification

PK-2145-001-000

Product Specification

PS-08-50-001

Sales Drawing

SDA-2145-001-000, SDA-2145-001-002

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