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**Part Number:** [0009626025](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 396 PC Board Connector, Top Entry, Nylon Connector, 5.00µm Tin \(Sn\), 2 Circuits](#)

**Documents:**

|                               |   |
|-------------------------------|---|
| <a href="#">Drawing (PDF)</a> | <a href="#">Product Specification PS-08-50-001 (PDF)</a>      |
| <a href="#">Drawing (PDF)</a> | <a href="#">Packaging Specification PK-2145-001-000 (PDF)</a> |
| <a href="#">3D Model</a>      | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |

**Agency Certification**

UL E29179

**General**

|                |   |
|----------------|---|
| Product Family | PCB Receptacles                                 |
| Series         | <a href="#">2145</a>                            |
| Application    | Board-to-Board, Power                           |
| Overview       | <a href="#">KK® Interconnect System - Molex</a> |
| Product Name   | KK® 396   |
| UPC            | 800754909457                                    |

**Physical**

|                                |                           |
|--------------------------------|---------------------------|
| Circuits (Loaded)              | 2                         |
| Circuits (maximum)             | 2                         |
| 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                     | 0.620/g                   |
| Number of Rows                 | 1                         |
| Orientation                    | Vertical                  |
| PC Tail Length                 | 3.05mm                    |
| PCB Locator                    | No                        |
| PCB Retention                  | None                      |
| 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               | No                        |
| 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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[2145 Series](#)

**Material Info**

Engineering Number

A-2145-CA02B-197

**Reference - Drawing Numbers**

Packaging Specification

PK-2145-001-000

Product Specification

PS-08-50-001

Sales Drawing

SDA-2145-002, SDA-2145-002-002

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