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**Part Number:** [0009623043](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 396 PC Board Connector, Top Entry, Nylon Connector, 0.38µm Gold \(Au\) Selective, 4 Circuits](#)

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-08-50-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-2145-001-000 (PDF)</a>
<a href="#">Drawing (PDF)</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	800754908177

**Physical**

Circuits (Loaded)	4
Circuits (maximum)	4
Flammability	94V-2
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	1.240/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	0.381µm
Plating min - Termination	2.540µm
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

**Material Info**

Engineering Number	A-2145-CA04A-208
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*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](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-2145-001-000

PS-08-50-001

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

This document was generated on 04/26/2017

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