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Part Number: 0009623121

**Status:** **Active**

## Overview: KK® Interconnect System - Molex

**Description:** KK® 396 PC Board Connector, Right Angle, Nylon Connector, 0.38µm Gold (Au) Selective. 12 Circuits

### Documents:

### 3D Model

[Drawing \(PDF\)](#)

Product Specification PS-08-50-001 (PDF)

## Packaging Specification PK-2145-001-000 (PDF)

[RoHS Certificate of Compliance \(PDF\)](#)

## Agency Certification

UL E29179

## General

Product Family	PCB Receptacles
Series	<u>2145</u>
Application	Board-to-Board, Power
Overview	<u>KK® Interconnect System - Molex</u>
Product Name	KK® 396
UPC	800754230216

## Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Flammability	94V-2
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	3.720/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	0.381μm
Plating min - Termination	2.540μm
Polarized to PCB	Yes
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

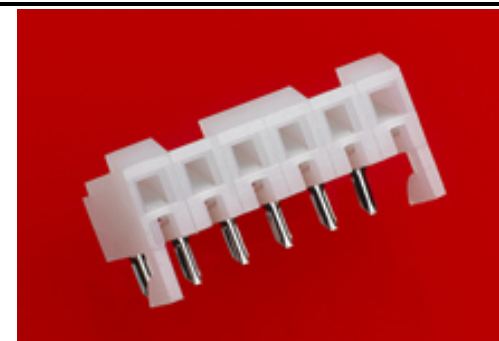
## Electrical

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

## Material Info



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

Engineering Number	A-2145-AA12A-208
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-2145-001-000
Product Specification	PS-08-50-001
Sales Drawing	SDA-2145-001-000, SDA-2145-001-002

This document was generated on 04/26/2017

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