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Part Number: [0009623063](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 396 PC Board Connector, Top Entry, Nylon Connector, 0.38µm Gold \(Au\) Selective, 6 Circuits](#)

Documents:

Drawing (PDF)	Product Specification PS-08-50-001 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Drawing (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	800754908276

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Flammability	94V-2
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	1.860/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

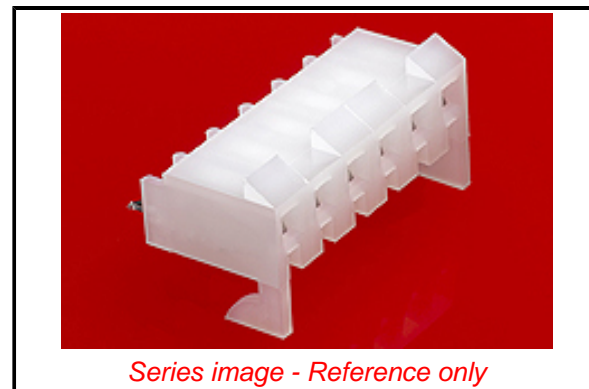
Current - Maximum per Contact	5.0A
Voltage - Maximum	250V

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-CA06A-208



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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

Product Specification

Sales Drawing

PS-08-50-001

SDA-2145-002-002

This document was generated on 01/19/2017

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