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Part Number: [09-62-3073](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 396 PC Board Connector, Top Entry, Nylon Connector, 0.38µm Gold \(Au\) Selective, 7 Circuits](#)

Documents:

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

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 800753619234

Physical

Circuits (Loaded) 7
 Circuits (maximum) 7
 Color - Resin Natural
 Flammability 94V-2
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 2.170/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) 5
 Lead-free Process Capability Wave Capable (TH only)
 Max. Cycles at Max. Process Temperature 1
 Process Temperature max. C 235

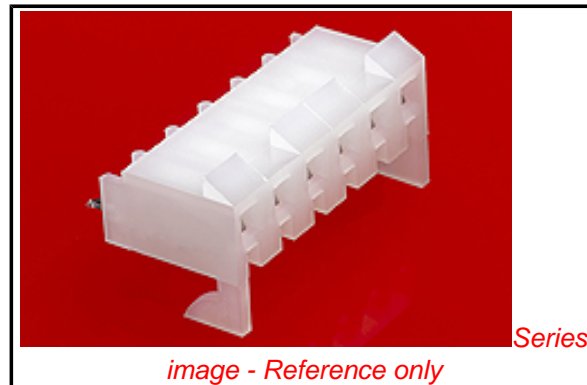


image - Reference only

EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No**
**Low-Halogen Status
 Low-Halogen**

China RoHS



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

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
 non-product compliance questions.

Search Parts in this Series

[2145Series](#)

Material Info

Old Part Number

A-2145-CA07A-208

Reference - Drawing Numbers

Product Specification

PS-08-50

Sales Drawing

SDA-2145-002

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