

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [09-62-3121](#)
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](#) [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 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

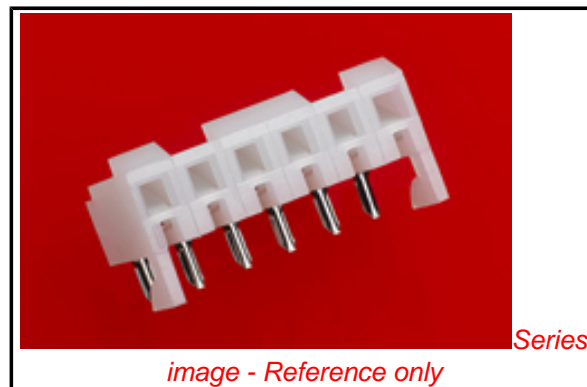
Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
 Lead-free Process Capability Wave Capable (TH only)
 Max. Cycles at Max. Process Temperature 1
 Process Temperature max. C 235

Material Info



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](#)

Old Part Number

A-2145-AA12A-208

Reference - Drawing Numbers

Product Specification

PS-08-50

Sales Drawing

SDA-2145-001

This document was generated on 04/23/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION