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Part Number: [09-48-4128](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK® 396 PC Board Connector, Top Entry, Polyester Connector, 5.00µm Tin (Sn), 12 Circuits

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

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [41815](#)
Application Board-to-Board, Power
Overview [KK® Interconnect System - Molex](#)
Product Name KK® 396
UPC 800754904513

Physical

Circuits (Loaded) 12
Circuits (maximum) 12
Color - Resin Natural
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 4.000/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
Plating min - Mating 5.080µm
Plating min - Termination 5.080µm
Polarized to PCB No
Temperature Range - Operating See Product Specification
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 5A
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

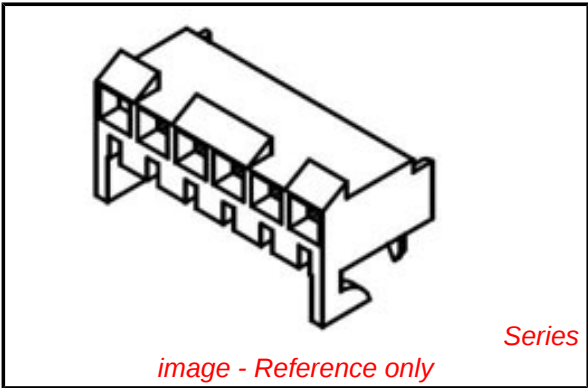


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not 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
[41815Series](#)

Mates With
KK® 396 Header [41771](#) , [41772](#) , [41791](#) , [41792](#) , [42491](#) , [42492](#) , [42891](#) , [41661](#) , [41662](#) , [41671](#) , [41672](#) , [41681](#)

Material Info

Old Part Number

A-41815-0068

Reference - Drawing Numbers

Product Specification

PS-08-50

Sales Drawing

SDA-41815

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