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Part Number: [0009483124](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 396 PC Board Connector, Bottom Entry, Polyester Connector, Gold \(Au\) Selective, 12 Circuits](#)

Documents:

[3D Model](#) [Product Specification PS-08-50-001 \(PDF\)](#)
[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 800754903769

Physical

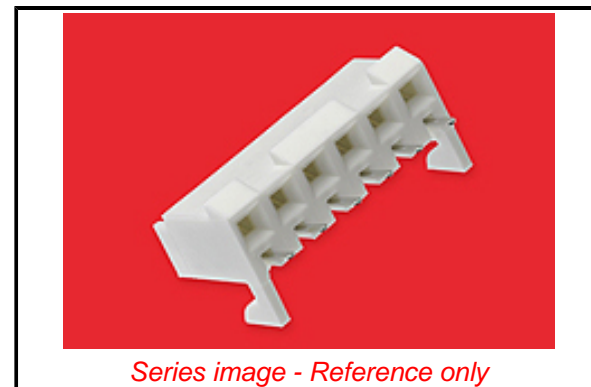
Circuits (Loaded) 12
 Circuits (maximum) 12
 Color - Resin Natural
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 3.840/g
 Number of Rows 1
 Orientation Bottom Entry
 PC Tail Length 3.18mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 0.80mm
 Packaging Type Tray
 Pitch - Mating 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



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

Not 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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[41815](#) Series

Mates With

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

Material Info

Engineering Number

A-41815-0449

Reference - Drawing Numbers

Product Specification

PS-08-50-001

Sales Drawing

SDA-41815-000, SDA-41815-002

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