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**Part Number:** [09-48-4068](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** KK® 396 PC Board Connector, Top Entry, Polyester Connector, 5.00µm Tin (Sn), 6 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 800754247146

**Physical**

Circuits (Loaded) 6  
Circuits (maximum) 6  
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 2.028/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

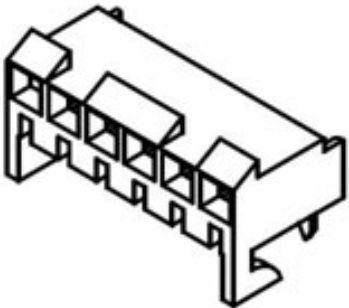


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Series

**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](mailto: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-41815-0062

### Reference - Drawing Numbers

## Product Specification

PS-08-50

Sales Drawing

SDA-41815

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