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**Part Number:** [0009484029](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 396 PC Board Connector, Bottom Entry, Polyester Connector, 5.00µm Tin \(Sn\), 2 Circuits](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-41815-001-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-08-50-001 \(PDF\)](#)

**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 800754903950

**Physical**

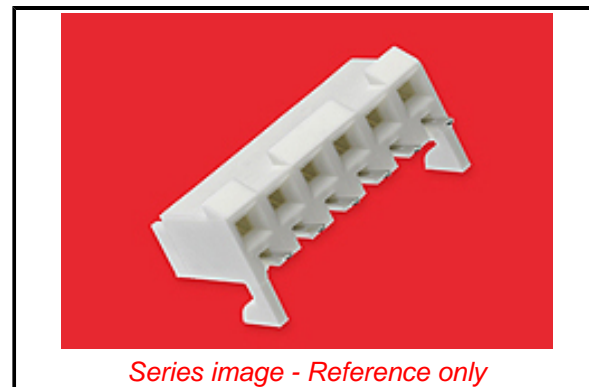
Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Color - Resin Natural  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 0.685/g  
 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 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 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/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | 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-41815-0030

**Reference - Drawing Numbers**

Packaging Specification

PK-41815-001-000

Product Specification

PS-08-50-001

Sales Drawing

SDA-41815-000, SDA-41815-002

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