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**Part Number:** [0009483025](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 396 PC Board Connector, Right Angle, Polyester Connector, Gold \(Au\) Selective, 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 800754221115

**Physical**

Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Color - Resin Natural  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 0.705/g  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 3.68mm  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Tray  
 Pitch - Mating 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

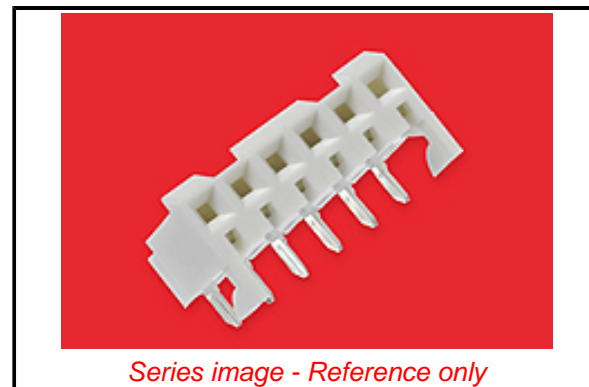
**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005  
 Lead-free Process Capability WAVE  
 Max. Cycles at Max. Process Temperature 001  
 Process Temperature max. C 235

**Material Info**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 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](#)

Engineering Number

A-41815-0425

**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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