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**Part Number:** [0009483054](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 396 PC Board Connector, Bottom Entry, Polyester Connector, Gold \(Au\) Selective, 5 Circuits](#)

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-08-50-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-41815-001-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">41815</a>
Application	Board-to-Board, Power
Overview	<a href="#">KK® Interconnect System - Molex</a>
Product Name	KK® 396
UPC	800754903523

**Physical**

Circuits (Loaded)	5
Circuits (maximum)	5
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	1.600/g
Number of Rows	1
Orientation	Bottom Entry
PC Tail Length	3.18mm
PCB Locator	No
PCB Retention	None
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**

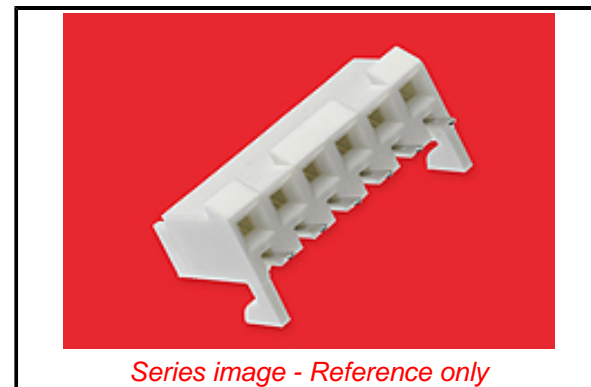
Current - Maximum per Contact	5.0A
Voltage - Maximum	250V

**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

**Material Info**

Engineering Number	A-41815-0442
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*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](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-41815-001-000

PS-08-50-001

SDA-41815-000, SDA-41815-002

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