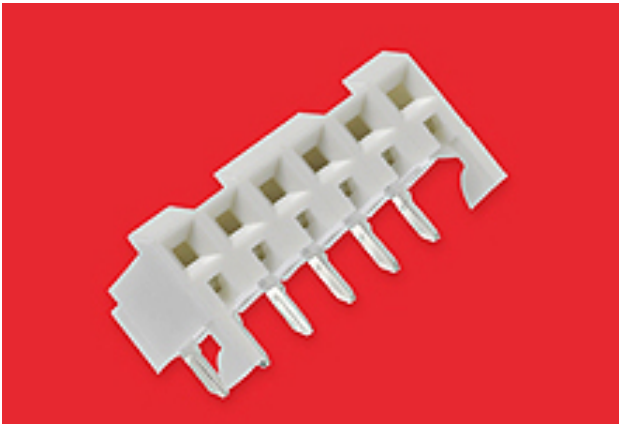




Part Number : [09483025](#)
Product Description : KK 396 PC Board Connector, Right Angle, Polyester Connector, Gold (Au) Selective, 2 Circuits
Series Number : 41815
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : A-41815-0425



Documents & Resources


Drawings
[009483025_sd.pdf](#)
[PK-41815-001-000.pdf](#)

3D Models and Design Files
[009483025_stp.zip](#)
[SYM-09-48-1024-001.zip](#)

Specifications
[PS-08-50-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 41815 |
| Description | KK 396 PC Board Connector, Right Angle, Polyester Connector, Gold (Au) Selective, 2 Circuits |
| Application | Board-to-Board, Power |
| Component Type | PCB Receptacle |
| Product Name | KK 396 |
| UPC | 800754221115 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Electrical

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

Physical

| | |
|--------------------|---------|
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Glow-Wire Capable | 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 |
| Packaging Type | Tray |
| PC Tail Length | 3.68mm |
| PCB Locator | No |
| PCB Retention | Yes |
| 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 |

Solder Process Data

| | |
|------------------------------|------|
| Max-Duration | 5 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 235 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--|--------------|
| KK 396 Vertical Breakaway Headers | <u>41661</u> |
| KK 396 Right-Angle Breakaway Headers | <u>41662</u> |
| KK 396 Vertical Square Pin Breakaway Headers | <u>41671</u> |
| KK 396 Right-Angle Friction Lock Breakaway Headers | <u>41672</u> |

| | |
|--|--------------|
| KK 396 Vertical Headers without Peg | <u>41771</u> |
| KK 396 Right-Angle Headers without Peg | <u>41772</u> |
| KK 396 Vertical Headers with Friction Lock | <u>41791</u> |
| KK 396 Right-Angle Headers with Friction Lock | <u>41792</u> |
| KK 396 Vertical Headers with Friction Lock | <u>42491</u> |
| KK 396 Right-Angle Headers with Friction Lock | <u>42492</u> |
| KK 396 Solid Vertical Headers with Friction Lock | <u>42891</u> |

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