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Part Number:

0026482046

Status:

Active

Overview:

KK Interconnect Systems

Description:

KK 396 Breakaway Header, Right-Angle with Friction Lock, 4 Circuits, Gold (Au) Plating

Documents:

3D Model

Packaging Specification PK-41672-001-001 (PDF)

Drawing (PDF)

Symbol Footprint Data SYM-41672-0003-001 (PDF)

3D Model (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-08-50-001 (PDF)

|                                |                             |  |
|--------------------------------|-----------------------------|--|
| Agency Certification           |                             |  |
| CSA                            | LR19980                     |  |
| UL                             | E29179                      |  |
| Application tooling part link  |                             |  |
| Application Tooling Part Link  | 11-20-0901                  |  |
| General                        |                             |  |
| Product Family                 | PCB Headers                 |  |
| Series                         | 41672                       |  |
| Application                    | Power, Wire-to-Board        |  |
| Component Type                 | PCB Header                  |  |
| Overview                       | KK Interconnect Systems     |  |
| Product Name                   | KK 396                      |  |
| Taxonomy                       | PCB Headers and Receptacles |  |
| UPC                            | 800754388153                |  |
| Physical                       |                             |  |
| Breakaway                      | Yes                         |  |
| Circuits (Loaded)              | 4                           |  |
| Circuits (maximum)             | 4                           |  |
| Color - Resin                  | Black                       |  |
| Durability (mating cycles max) | 50                          |  |
| Flammability                   | 94V-0                       |  |
| Glow-Wire Capable              | No                          |  |
| Lock to Mating Part            | Yes                         |  |
| Material - Metal               | Brass                       |  |
| Material - Plating Mating      | Gold                        |  |
| Material - Plating Termination | Matte Tin                   |  |
| Material - Resin               | Polyester                   |  |
| Net Weight                     | 1.664/g                     |  |
| Number of Rows                 | 1                           |  |
| Orientation                    | Right Angle                 |  |
| PC Tail Length                 | 5.38mm                      |  |
| PCB Locator                    | No                          |  |
| PCB Retention                  | None                        |  |
| PCB Thickness - Recommended    | 1.60mm                      |  |
| Packaging Type                 | Bag                         |  |
| Pitch - Mating Interface       | 3.96mm                      |  |
| Pitch - Termination Interface  | 3.96mm                      |  |
| Plating min - Mating           | 0.508µm                     |  |
| Plating min - Termination      | 0.508µm                     |  |
| Polarized to Mating Part       | No                          |  |
| Polarized to PCB               | Yes                         |  |
| Shrouded                       | No                          |  |
| Stackable                      | No                          |  |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

41672 Series

Mates With

2139 KK Crimp Housing, 41695 KK Crimp Housing, 6442 KK Crimp Housing, 2145 PCB Connector, 41815 PCB Connector, 3069 KK Crimp Housing

|                                                |                           |
|------------------------------------------------|---------------------------|
| Temperature Range - Operating                  | See Product Specification |
| Termination Interface: Style                   | Through Hole              |
| <b>Electrical</b>                              |                           |
| Current - Maximum per Contact                  | 7.0A                      |
| Voltage - Maximum                              | 250V                      |
| <b>Solder Process Data</b>                     |                           |
| Duration at Max. Process Temperature (seconds) | 005                       |
| Lead-freeProcess Capability                    | WAVE                      |
| Max. Cycles at Max. Process Temperature        | 001                       |
| Process Temperature max. C                     | 235                       |
| <b>Material Info</b>                           |                           |
| Engineering Number                             | A-41672-A04A241           |
| <b>Reference - Drawing Numbers</b>             |                           |
| Packaging Specification                        | PK-41672-001-001          |
| Product Specification                          | PS-08-50-001              |
| Sales Drawing                                  | SD-41672-001-001          |
| Symbol/Footprint Data                          | SYM-41672-0003-001        |

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