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Part Number:

0026614030

Status:

Active

Overview:

KK Interconnect Systems

Description:

KK 396 Header, Vertical, Friction Lock, 3 Circuits, Gold (Au) Plating

|                                |                                                                |
|--------------------------------|----------------------------------------------------------------|
| Documents:                     |                                                                |
| <a href="#">3D Model (PDF)</a> | <a href="#">Product Specification PS-08-50-001 (PDF)</a>       |
| <a href="#">3D Model</a>       | <a href="#">Packaging Specification PK-41791-001-001 (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 Headers                 |
| Series               | 41791                       |
| Application          | Power, Wire-to-Board        |
| Overview             | KK Interconnect Systems     |
| Product Name         | KK 396                      |
| Taxonomy             | PCB Headers and Receptacles |
| UPC                  | 800754202855                |

|                                |                           |
|--------------------------------|---------------------------|
| Physical                       |                           |
| Breakaway                      | No                        |
| Circuits (Loaded)              | 3                         |
| Circuits (maximum)             | 3                         |
| Color - Resin                  | Natural                   |
| Durability (mating cycles max) | 25                        |
| 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                     | 1.119/g                   |
| Number of Rows                 | 1                         |
| Orientation                    | Vertical                  |
| PC Tail Length                 | 3.56mm                    |
| PCB Locator                    | No                        |
| PCB Retention                  | None                      |
| PCB Thickness - Recommended    | 1.60mm                    |
| Packaging Type                 | Bag                       |
| Pitch - Mating Interface       | 3.96mm                    |
| Plating min - Mating           | 0.508µm                   |
| Plating min - Termination      | 0.508µm                   |
| Polarized to Mating Part       | Yes                       |
| Polarized to PCB               | No                        |
| Shrouded                       | Partial                   |
| Stackable                      | Yes                       |
| Temperature Range - Operating  | See Product Specification |
| Termination Interface: Style   | Through Hole              |

|                               |                  |
|-------------------------------|------------------|
| Electrical                    |                  |
| Current - Maximum per Contact | 7.0A             |
| Voltage - Maximum             | 600V AC (RMS)/DC |



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

41791 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

**Solder Process Data**

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

**Material Info**

|                    |            |
|--------------------|------------|
| Engineering Number | 41791-0020 |
|--------------------|------------|

**Reference - Drawing Numbers**

|                         |                              |
|-------------------------|------------------------------|
| Packaging Specification | PK-41791-001-001             |
| Product Specification   | PS-08-50-001                 |
| Sales Drawing           | SDA-41791-000, SDA-41791-002 |

This document was generated on 12/30/2022

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