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Part Number:

1718143004

Status:

Active

Overview:

KK Interconnect Systems

Description:

KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, 4 Circuits

|                                                                |                                                                  |
|----------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                     |                                                                  |
| <a href="#">3D Model (PDF)</a>                                 | <a href="#">Packaging Specification PK-171814-0001-001 (PDF)</a> |
| <a href="#">3D Model</a>                                       | <a href="#">Test Summary TS-171813-0001-001 (PDF)</a>            |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Test Summary TS-171814-0001-001 (PDF)</a>            |
| <a href="#">Product Specification PS-171813-0001-001 (PDF)</a> | <a href="#">Symbol Footprint Data SYM-171814-0004-001 (PDF)</a>  |
| <a href="#">Product Specification PS-171813-0002-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                      |                              |
|----------------------|------------------------------|
| Agency Certification |                              |
| CSA                  | LR19980                      |
| UL                   | E29179                       |
| General              |                              |
| Product Family       | PCB Headers                  |
| Series               | 171814                       |
| Application          | Power, Signal, Wire-to-Board |
| Overview             | KK Interconnect Systems      |
| Product Name         | KK 396                       |
| Taxonomy             | PCB Headers and Receptacles  |
| UPC                  | 887191718231                 |

|                                |                                |
|--------------------------------|--------------------------------|
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-1                          |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Nickel                         |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.651/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 3.96mm                         |
| Plating min - Mating           | 1.524µm                        |
| Polarized to Mating Part       | Yes                            |
| Shrouded                       | Partial                        |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface: Style   | Through Hole                   |



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                                                        |               |
| 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  
171814 Series

Mates With  
2145 , 41815 , 6442 , 2139 , 41695 , 3069

**Electrical**

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
| Voltage - Maximum             | 600V  |

**Solder Process Data**

|                                                |          |
|------------------------------------------------|----------|
| Duration at Max. Process Temperature (seconds) | 030      |
| Lead-freeProcess Capability                    | SMC&WAVE |
| Max. Cycles at Max. Process Temperature        | 003      |
| Process Temperature max. C                     | 260      |

**Material Info**

**Reference - Drawing Numbers**

|                         |                                        |
|-------------------------|----------------------------------------|
| Packaging Specification | PK-171814-0001-001                     |
| Product Specification   | PS-171813-0001-001, PS-171813-0002-001 |
| Sales Drawing           | SD-171814-0001-000, SD-171814-0001-002 |
| Symbol/Footprint Data   | SYM-171814-0004-001                    |
| Test Summary            | TS-171813-0001-001, TS-171814-0001-001 |

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