



Part Number : 2078430006

Series Number : 207843

Product Category : PCB Headers and Receptacles

Product Description : KK Plus 250 Header, 2.50mm Pitch, Vertical, Fully Shrouded, Tin (Sn) Plating, 6 Circuits, with Peg, Glow-Wire Capable

Status : Active

Documents & Resources

Drawings

Drawing 2078430006\_sd.pdf

Packaging Design Drawing 2078430000-PK-000.pdf

3D Models and Design Files

3D Model 2078430006\_stp.zip

Specifications

Application Specification 2079020001-AS-000.pdf

Product Specification 2079020001-PS-000.pdf

Product Specification 2079020001-PS-CH-000.pdf

Product Specification 2079020001-PS-ES-000.pdf

Product Specification 2079020001-PS-JP-000.pdf

Product Specification 2079020001-PS-SK-000.pdf

Test Summary 2079020000-TS-000.pdf

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| 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

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## Part Details

### General

|                |                                                                                                                       |
|----------------|-----------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                |
| Category       | PCB Headers and Receptacles                                                                                           |
| Series         | 207843                                                                                                                |
| Description    | KK Plus 250 Header, 2.50mm Pitch, Vertical, Fully Shrouded, Tin (Sn) Plating, 6 Circuits, with Peg, Glow-Wire Capable |
| Application    | Power, Wire-to-Board                                                                                                  |
| Component Type | PCB Header                                                                                                            |
| Product Family | KK Interconnect Systems                                                                                               |
| Product Name   | KK Plus                                                                                                               |
| UPC            | 191130123162                                                                                                          |

### Agency

|     |        |
|-----|--------|
| CSA | 152514 |
| UL  | E29179 |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 6.5A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

### Physical

|                    |    |
|--------------------|----|
| Breakaway          | No |
| Circuits (Loaded)  | 6  |
| Circuits (maximum) | 6  |

|                                |                        |
|--------------------------------|------------------------|
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 25                     |
| First Mate / Last Break        | No                     |
| Flammability                   | 94V-0                  |
| Glow-Wire Capable              | Yes                    |
| 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 | Tin                    |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 0.590/g                |
| Number of Rows                 | 1                      |
| Orientation                    | Vertical               |
| Packaging Type                 | Bag                    |
| PC Tail Length                 | 3.45mm                 |
| PCB Locator                    | No                     |
| PCB Retention                  | None                   |
| PCB Thickness - Recommended    | 1.60mm                 |
| Pitch - Mating Interface       | 2.50mm                 |
| Pitch - Termination Interface  | 2.50mm                 |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Shrouded                       | Fully                  |
| Stackable                      | No                     |
| Temperature Range - Operating  | -40° to +105°C         |
| Termination Interface Style    | Through Hole           |

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## Mates With / Use With

### Mates with Part(s)

| Description                                | Part Number   |
|--------------------------------------------|---------------|
| KK Plus 250 Single Row Receptacle Housings | <u>207841</u> |

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