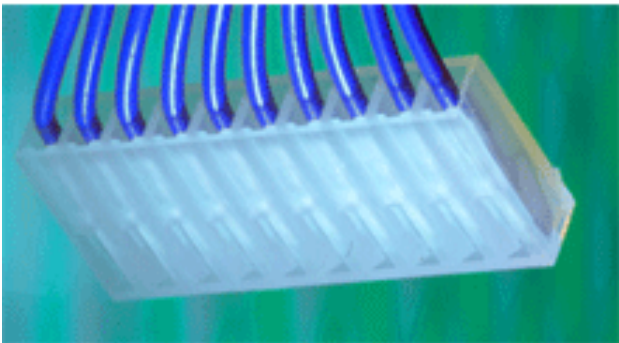




Part Number : [09507181](#)  
Product Description : KK 3.96mm Crimp  
Housing, 18 Circuits, Natural  
Series Number : 2139  
Status : Active  
Product Category : Connector Housings  
Engineering Number : 2139-18C



## Documents & Resources


Drawings  
[009507181\\_sd.pdf](#)

3D Models and Design Files  
[009507181\\_stp.zip](#)

Specifications  
[PS-08-50-001.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)6225-DC (07 Nov 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     | Connector Housings                            |
| Series       | 2139  |
| Description  | KK 3.96mm Crimp Housing, 18 Circuits, Natural |
| Application  | Power, Wire-to-Board                          |
| Product Name | KK 396  |
| UPC          | 800753531628                                  |

#### Agency

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

#### Physical

|                               |                           |
|-------------------------------|---------------------------|
| Circuits (maximum)            | 18                        |
| Color - Resin                 | Natural                   |
| Flammability                  | 94V-2                     |
| Gender                        | Receptacle                |
| Glow-Wire Capable             | No                        |
| Material - Resin              | Nylon                     |
| Net Weight                    | 4.608/g                   |
| Number of Rows                | 1                         |
| Packaging Type                | Bag                       |
| Panel Mount                   | No                        |
| Pitch - Mating Interface      | 3.96mm                    |
| Temperature Range - Operating | See Product Specification |

## Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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## 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> |

### Use with Part(s)

| Description                   | Part Number |
|-------------------------------|-------------|
| KK 396 Female Crimp Terminals | <u>2478</u> |
| KK 396 Female Crimp Terminals | <u>2578</u> |