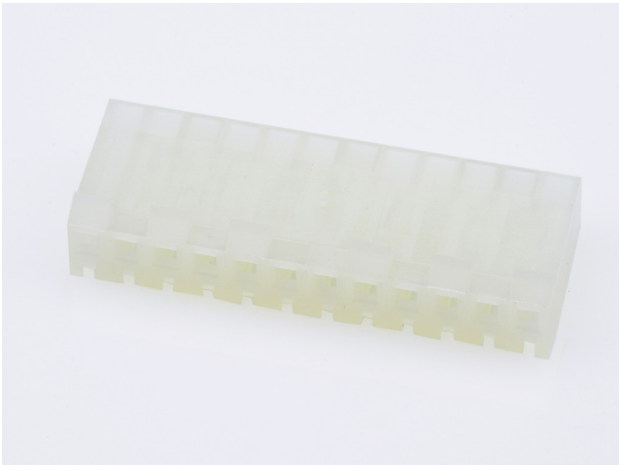




Part Number : [09503121](#)  
Product Description : KK 3.96mm Crimp  
Housing, Friction Ramp, 12 Circuits, Natural  
Series Number : 2139  
Status : Active  
Product Category : Connector Housings  
Engineering Number : 2139-12A



Documents & Resources

Drawings  
[009503121\\_sd.pdf](#)

3D Models and Design Files  
[009503121\\_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)7663-DC (21 Jan 2025)                                        |
| 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, Friction Ramp, 12 Circuits, Natural |
| Application  | Power, Wire-to-Board                                         |
| Product Name | KK 396                                                       |
| UPC          | 800753616301                                                 |

#### Agency

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

#### Physical

|                          |            |
|--------------------------|------------|
| Circuits (maximum)       | 12         |
| Color - Resin            | Natural    |
| Flammability             | 94V-2      |
| Gender                   | Receptacle |
| Glow-Wire Capable        | No         |
| Lock to Mating Part      | Yes        |
| Material - Resin         | Nylon      |
| Net Weight               | 3.088/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 |
|------------------------------|-----|

## 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> |