



**Part Number :** [09503201](#)  
**Product Description :** KK 3.96mm Crimp Housing,  
Friction Ramp, 20 Circuits, Natural  
**Series Number :** 2139  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Part Number :** 2139-20A



## Documents and Resources

**Drawings**  
[009503201\\_sd.pdf](#)

**3D Models and Design Files**  
[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

**Specifications**  
[PS-08-50-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                          |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)                                                          |
| EU RoHS            | Compliant per EU 2015/863                                                                               |

- Compliance Statements
- EU RoHS
  - REACH SVHC
  - Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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# Part Details

## General

|              |                                                              |
|--------------|--------------------------------------------------------------|
| Status       | Active                                                       |
| Category     | Connector Housings                                           |
| Series       | 2139                                                         |
| Description  | KK 3.96mm Crimp Housing, Friction Ramp, 20 Circuits, Natural |
| Application  | Power, Wire-to-Board                                         |
| Product Name | KK 396                                                       |
| UPC          | 800753614154                                                 |

## Agency

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

## Physical

|                     |            |
|---------------------|------------|
| Circuits (maximum)  | 20         |
| Color - Resin       | Natural    |
| Flammability        | 94V-2      |
| Gender              | Receptacle |
| Glow-Wire Capable   | No         |
| Lock to Mating Part | Yes        |
| Material - Resin    | Nylon      |
| Net Weight          | 5.136/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                  | <a href="#"><u>41661</u></a> |
| KK 396 Right-Angle Breakaway Headers               | <a href="#"><u>41662</u></a> |
| KK 396 Vertical Square Pin Breakaway Headers       | <a href="#"><u>41671</u></a> |
| KK 396 Right-Angle Friction Lock Breakaway Headers | <a href="#"><u>41672</u></a> |
| KK 396 Vertical Headers without Peg                | <a href="#"><u>41771</u></a> |
| KK 396 Right-Angle Headers without Peg             | <a href="#"><u>41772</u></a> |
| KK 396 Vertical Headers with Friction Lock         | <a href="#"><u>41791</u></a> |
| KK 396 Right-Angle Headers with Friction Lock      | <a href="#"><u>41792</u></a> |
| KK 396 Vertical Headers with Friction Lock         | <a href="#"><u>42491</u></a> |
| KK 396 Right-Angle Headers with Friction Lock      | <a href="#"><u>42492</u></a> |

### Use with Part(s)

| Description                   | Part Number                 |
|-------------------------------|-----------------------------|
| KK 396 Female Crimp Terminals | <a href="#"><u>2478</u></a> |

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