



**Part Number :** [10112023](#)  
**Product Description :** KK 254 Crimp Housing, High Pressure, 2 Circuits, Natural  
**Series Number :** 7880  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Part Number :** 7880-2B



## Documents & Resources

### Drawings

[010112023 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PS-7879-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>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)4165-DC<br>(25 June 2025)                                                           |
| 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       | 7880                                                     |
| Description  | KK 254 Crimp Housing, High Pressure, 2 Circuits, Natural |
| Application  | Signal, Wire-to-Board                                    |
| Product Name | KK 254                                                   |
| UPC          | 800753612273                                             |

### Agency

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

### Physical

|                    |                 |
|--------------------|-----------------|
| Circuits (maximum) | 2               |
| Color - Resin      | Natural (White) |
| Flammability       | 94V-0           |
| Gender             | Receptacle      |
| Glow-Wire Capable  | No              |
| Material - Resin   | Nylon           |
| Net Weight         | 0.196/g         |
| Number of Rows     | 1               |
| Packaging Type     | Bag             |

|                               |                           |
|-------------------------------|---------------------------|
| Panel Mount                   | No                        |
| Pitch - Mating Interface      | 2.54mm                    |
| Pitch - Termination Interface | 2.54mm                    |
| Stackable                     | No                        |
| 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 254 Single Row Vertical Headers                            | <u><a href="#">4030</a></u>  |
| KK 254 Vertical Breakaway Headers with Friction Lock          | <u><a href="#">42375</a></u> |
| KK 254 Right-Angle Breakaway Headers                          | <u><a href="#">42376</a></u> |
| KK 254 Right-Angle Surface Mount Compatible Breakaway Headers | <u><a href="#">42377</a></u> |
| KK 254 Vertical Single Row Solid Headers                      | <u><a href="#">6373</a></u>  |
| KK 254 Vertical Single Row Headers                            | <u><a href="#">6410</a></u>  |

### Use with Part(s)

| Description                             | Part Number                 |
|-----------------------------------------|-----------------------------|
| KK High Pressure Female Crimp Terminals | <u><a href="#">7879</a></u> |