



**Part Number :** [22012097](#)  
**Product Description :** KK 254 Crimp Housing,  
Friction Ramp, 9 Circuits, Natural  
**Series Number :** 2695  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Part Number :** 2695-09R



## Documents and Resources

### Drawings

[022012097\\_sd.pdf](#)  
[26950002-PK-000.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

### Specifications

[PS-10-07-001.pdf](#)  
[TS-10-07-001.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

## Part Details

### General

|              |                                                          |
|--------------|----------------------------------------------------------|
| Status       | Active                                                   |
| Category     | Connector Housings                                       |
| Series       | 2695                                                     |
| Description  | KK 254 Crimp Housing, Friction Ramp, 9 Circuits, Natural |
| Application  | Signal, Wire-to-Board                                    |
| Product Name | KK 254                                                   |
| UPC          | 800753689978                                             |

### Agency

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

### Physical

|                     |                 |
|---------------------|-----------------|
| Circuits (maximum)  | 9               |
| Color - Resin       | Natural (White) |
| Flammability        | 94V-0           |
| Gender              | Receptacle      |
| Glow-Wire Capable   | No              |
| Lock to Mating Part | Yes             |
| Material - Resin    | Nylon           |

|                               |                           |
|-------------------------------|---------------------------|
| Net Weight                    | 0.954/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 RPC Vertical Headers with Friction Lock                | <a href="#"><u>171856</u></a> |
| KK 254 RPC Right-Angle Headers with Friction Lock             | <a href="#"><u>171857</u></a> |
| KK 254 Single Row Vertical Headers                            | <a href="#"><u>4030</u></a>   |
| KK 254 Vertical Breakaway Headers with Friction Lock          | <a href="#"><u>42375</u></a>  |
| KK 254 Right-Angle Breakaway Headers                          | <a href="#"><u>42376</u></a>  |
| KK 254 Right-Angle Surface Mount Compatible Breakaway Headers | <a href="#"><u>42377</u></a>  |
| KK 254 Vertical Single Row Solid Headers                      | <a href="#"><u>6373</u></a>   |
| KK 254 Vertical Single Row Headers                            | <a href="#"><u>6410</u></a>   |

### Use with Part(s)

| Description                     | Part Number                      |
|---------------------------------|----------------------------------|
| Pre-Crimped Lead KK 254 Female- | <a href="#"><u>797580007</u></a> |

|                                                                                                          |                  |
|----------------------------------------------------------------------------------------------------------|------------------|
| to-KK 254 Female, Tin (Sn) Plating,<br>150.00mm Length, 22 AWG, Black                                    |                  |
| Pre-Crimped Lead KK 254 Female-<br>to-KK 254 Female, Tin (Sn) Plating,<br>300.00mm Length, 22 AWG, Black | <u>797580015</u> |
| KK 254 Female Crimp Terminals                                                                            | <u>2759</u>      |
| KK 254 Cat Ear Crimp Terminals                                                                           | <u>41572</u>     |
| KK 254 Female Crimp Terminals                                                                            | <u>4809</u>      |
| KK 254 Female Crimp Terminals                                                                            | <u>6459</u>      |
| KK 254 Female Crimp Terminals                                                                            | <u>8088</u>      |

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