



Part Number : [22013057](#)

Product Description : KK 254 Crimp Housing, Friction Ramp with Polarizing Ribs, 5 Circuits, Natural

Series Number : 2695

Status : Active

Product Category : Connector Housings

Engineering Number : 2695-05RP



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## Documents & Resources

### Drawings

[Drawing 022013057\\_sd.pdf](#)

[Packaging Design Drawing 26950002-PK-000.pdf](#)

### 3D Models and Design Files

[3D Model 022013057\\_stp.zip](#)

[3D Model PDF 022013057.pdf](#)

### Specifications

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

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

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## 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(2023)3788-DC (14 Jun 2023) |
| 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         | 2695  |
| Description    | KK 254 Crimp Housing, Friction Ramp with Polarizing Ribs, 5 Circuits, Natural |
| Application    | Signal, Wire-to-Board   |
| Product Family | KK Interconnect Systems   |
| Product Name   | KK 254  |
| UPC            | 800753593855  |

### Agency

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

### Physical

|                     |                 |
|---------------------|-----------------|
| Circuits (maximum)  | 5               |
| Color - Resin       | Natural (White) |
| Flammability        | 94V-0           |
| Gender              | Receptacle      |
| Glow-Wire Capable   | No              |
| Lock to Mating Part | Yes             |
| Material - Resin    | Nylon           |
| Net Weight          | 0.520/g         |

|                               |                           |
|-------------------------------|---------------------------|
| Number of Rows                | 1                         |
| Packaging Type                | Bag                       |
| Panel Mount                   | No                        |
| Pitch - Mating Interface      | 2.54mm                    |
| Pitch - Termination Interface | 2.54mm                    |
| Polarized to Mating Part      | Yes                       |
| 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                | <u><a href="#">171856</a></u> |
| KK 254 RPC Right-Angle Headers with Friction Lock             | <u><a href="#">171857</a></u> |
| 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  |
|---|--|
| Pre-Crimped Lead KK 254 Female-to-KK 254 Female, Tin (Sn) Plating, 150.00mm Length, 22 AWG, Black | <u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797580007.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797580007.html</a></u> |

|   |   |
|---|---|
| Pre-Crimped Lead KK 254 Female-to-KK 254 Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black | <a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797580015.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797580015.html</a> |
| 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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