



Part Number : 22012087

Series Number : 2695

Product Category : Connector Housings

Product Description : KK 254 Crimp Housing,  
Friction Ramp, 8 Circuits, Natural

Status : Active

Engineering Number : 2695-08R

Documents & Resources

Drawings

Drawing 022012087\_sd.pdf

Packaging Design Drawing 26950002-PK-000.pdf

3D Models and Design Files

3D Model 022012087\_stp.zip


Specifications

Product Specification PS-10-07-001.pdf

Test Summary TS-10-07-001.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)4144-DC<br>(27 June 2024)                                    |
| 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

## Part Details

### General

|                |                                                          |
|----------------|----------------------------------------------------------|
| Status         | Active                                                   |
| Category       | Connector Housings                                       |
| Series         | 2695                                                     |
| Description    | KK 254 Crimp Housing, Friction Ramp, 8 Circuits, Natural |
| Application    | Signal, Wire-to-Board                                    |
| Product Family | KK Interconnect Systems                                  |
| Product Name   | KK 254                                                   |
| UPC            | 800753593770                                             |

### Agency

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

### Physical

|                               |                           |
|-------------------------------|---------------------------|
| Circuits (maximum)            | 8                         |
| Color - Resin                 | Natural (White)           |
| Flammability                  | 94V-0                     |
| Gender                        | Receptacle                |
| Glow-Wire Capable             | No                        |
| Lock to Mating Part           | Yes                       |
| Material - Resin              | Nylon                     |
| Net Weight                    | 0.882/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 |
|------------------------------|-----|

---

## 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-pdf.html/797580007.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580007.html</a></u> |
| Pre-Crimped Lead KK 254 Female-to-KK 254 Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black | <u><a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580015.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580015.html</a></u> |
| KK 254 Female Crimp Terminals                                                                     | <u><a href="#">2759</a></u>                                                                                                                                                            |
| KK 254 Cat Ear Crimp Terminals                                                                    | <u><a href="#">41572</a></u>                                                                                                                                                           |
| KK 254 Female Crimp Terminals                                                                     | <u><a href="#">4809</a></u>                                                                                                                                                            |
| KK 254 Female Crimp Terminals                                                                     | <u><a href="#">6459</a></u>                                                                                                                                                            |
| KK 254 Female Crimp Terminals                                                                     | <u><a href="#">8088</a></u>                                                                                                                                                            |

---

