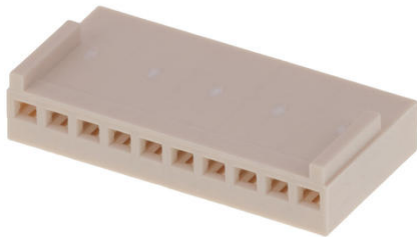# molex

**Part Number :** 22011102
**Product Description :** 2.50mm Pitch KK Wire-to-Board Housing, Female, Friction Lock, for 2759/5159 Crimp Terminals, 10 Circuits
**Series Number :** 5051
**Status :** Not Recommended For New Design
**Product Category :** Connector Housings
**Engineering Number :** 5051-10

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## Documents & Resources

### Drawings

022011102_sd.pdf

022011102_stp.zip

### Specifications

SPK-5051-001-001.pdf

PS-5045-001-001.pdf

PS-5045-002-001.pdf

PS-5045-003-001.pdf

PS-5045-004-001.pdf

50510002-PS-000.pdf

PS-5051-005-001.pdf

PS-5051-006-001.pdf

PS-5102-004-001.pdf

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## 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)4165-DC (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

## Part Details

### General

| Status | Not Recommended For New Design |
|---|---|
| Category | Connector Housings |
| Series | 5051 |
| Description | 2.50mm Pitch KK Wire-to-Board Housing, Female, Friction Lock, for 2759/5159 Crimp Terminals, 10 Circuits |
| Application | Signal, Wire-to-Board |
| Product Name | KK |
| UPC | 800753594029 |

### Agency

| UL | E29179 |
|---|---|

### Physical

| Circuits (maximum) | 10 |
|---|---|
| Color - Resin | Natural |
| Flammability | 94V-0 |

| | |
|---|---|
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Material - Resin | Nylon |
| Net Weight | 1230.300/mg |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 2.50mm |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mini-Latch / KK Single Row Vertical Headers | 5045 |
| Mini-Latch / KK Single Row Right-Angle Headers | 5046 |

### 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 | 797580007 |
| Pre-Crimped Lead KK 254 Female-to-KK 254 Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black | 797580015 |
| KK 254 Female Crimp Terminals | 2759 |
| KK Cat Ear Female Crimp Terminals | 5159 |