



**Part Number :** [22552501](#)  
**Product Description :** 2.54mm Pitch SL Crimp Housing, Dual Row, Version A, Non-polarized, 50 Circuits, Black  
**Series Number :** 70450  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Number :** 70450-0024



Documents & Resources

Drawings

[022552501\\_sd.pdf](#)  
[PK-70450-100-001.pdf](#)

3D Models and Design Files

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

Specifications

[PS-70058-001.pdf](#)  
[PS-70400-001.pdf](#)  
[TS-70058-001-001.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not 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

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## Part Details

### General

|              |                                                                                       |
|--------------|---------------------------------------------------------------------------------------|
| Status       | Active                                                                                |
| Category     | Connector Housings                                                                    |
| Series       | 70450                                                                                 |
| Description  | 2.54mm Pitch SL Crimp Housing, Dual Row, Version A, Non-polarized, 50 Circuits, Black |
| Application  | Signal, Wire-to-Board                                                                 |
| Comments     | Version A                                                                             |
| Product Name | SL                                                                                    |
| UPC          | 800753626188                                                                          |

### Agency

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

### Physical

|                    |       |
|--------------------|-------|
| Breakaway          | No    |
| Circuits (maximum) | 50    |
| Color - Resin      | Black |
| Flammability       | 94V-0 |

|                               |                |
|-------------------------------|----------------|
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Material - Resin              | Polyester      |
| Net Weight                    | 4.250/g        |
| Number of Rows                | 2              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 2.54mm         |
| Stackable                     | Yes            |
| Temperature Range - Operating | -40° to +105°C |

### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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## Mates With / Use With

### Mates with Part(s)

| Description                                       | Part Number                  |
|---------------------------------------------------|------------------------------|
| C-Grid Right-Angle Dual Row Headers               | <u><a href="#">70229</a></u> |
| C-Grid Right-Angle, Dual Row, Low Profile Headers | <u><a href="#">70247</a></u> |
| C-Grid Vertical Dual Row Breakaway Headers        | <u><a href="#">70280</a></u> |
| C-Grid Vertical, Dual Row, Low Profile Headers    | <u><a href="#">70246</a></u> |

### Use with Part(s)

| Description         | Part Number                  |
|---------------------|------------------------------|
| SL Female Terminals | <u><a href="#">70058</a></u> |
| SL Female Terminals | <u><a href="#">71851</a></u> |