



**Part Number :** [50579309](#)  
**Product Description :** SL Crimp Housing,  
Single Row, Version D, Back Ribs, 9 Circuits,  
Black  
**Series Number :** 70066  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Number :** 70066-0113



## Documents & Resources

### Drawings

[050579309\\_sd.pdf](#)  
[PK-70066-100-001.pdf](#)

### 3D Models and Design Files

[050579309\\_stp.zip](#)

### Specifications

[PS-70058-001.pdf](#)  
[PS-70400-001.pdf](#)  
[PS-71851-001.pdf](#)  
[TS-70058-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                 |
|--------------------|-------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                    |
| China RoHS         |                                                 |
| EU ELV             | Not Relevant                                    |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21              |
| REACH SVHC         | Not Contained per D(2024)4144-DC (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

- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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## Part Details

### General

|              |                                                                             |
|--------------|-----------------------------------------------------------------------------|
| Status       | Active                                                                      |
| Category     | Connector Housings                                                          |
| Series       | 70066                                                                       |
| Description  | SL Crimp Housing, Single Row,<br>Version D, Back Ribs, 9 Circuits,<br>Black |
| Application  | Signal, Wire-to-Board                                                       |
| Comments     | Version D                                                                   |
| Product Name | SL                                                                          |
| UPC          | 800753578104                                                                |

### Agency

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

### Physical

|                       |                 |
|-----------------------|-----------------|
| Circuits (maximum)    | 9               |
| Color - Resin         | Black           |
| Flammability          | 94V-0           |
| Gender                | Receptacle      |
| Glow-Wire Capable     | No              |
| Keying to Mating Part | Yes             |
| Lock to Mating Part   | No              |
| Material - Resin      | Polyester Alloy |

|                               |                |
|-------------------------------|----------------|
| Net Weight                    | 0.689/g        |
| Number of Rows                | 1              |
| 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  |
|-----------------------------------------------------------------|--------------|
| 2.54mm SL Interim Clips                                         | <u>70013</u> |
| SL Dual Row Housing Panel Mounts                                | <u>70022</u> |
| SL Single Row, Version D, Male FFC/FPC Connectors               | <u>70431</u> |
| SL Single Row Male Insulation Displacement Connector Assemblies | <u>70475</u> |
| SL Vertical Single Row Headers                                  | <u>70543</u> |
| SL Right-Angle, Single Row, Low Profile Headers                 | <u>70553</u> |

### Use with Part(s)

| Description         | Part Number  |
|---------------------|--------------|
| SL Male Terminals   | <u>70021</u> |
| SL Female Terminals | <u>70058</u> |
| SL Female Terminals | <u>71851</u> |