

Part Number : 5005920700

Series Number : 500592

Product Category : Connector Housings

Product Description : 2.50mm Pitch CP-2.5  
Mini Wire-to-Wire Receptacle Housing,  
Positive Lock, Single Row, 7 Circuits

Status : Active

## Documents & Resources

### Drawings

Drawing 5005920700\_sd.pdf

### 3D Models and Design Files

3D Model 5005920700\_stp.zip

### Specifications

Packaging Specification 5005929200-200.pdf

Product Specification PS-500592-001-001.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(2023)8585-DC (23 Jan 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

### Part Details

#### General

|                |   |
|----------------|---|
| Status         | Active  |
| Category       | Connector Housings  |
| Series         | 500592  |
| Description    | 2.50mm Pitch CP-2.5 Mini Wire-to-Wire Receptacle Housing, Positive Lock, Single Row, 7 Circuits |
| Application    | Signal, Wire-to-Wire  |
| Product Family | CP Wire-to-Board and Wire-to-Wire Connector Systems   |
| Product Name   | CP-2.5 Mini   |
| UPC            | 756054724989  |

#### Physical

|                               |               |
|-------------------------------|---------------|
| Circuits (maximum)            | 7             |
| Color - Resin                 | Natural       |
| Gender                        | Receptacle    |
| Glow-Wire Capable             | No            |
| Material - Resin              | Polyester     |
| Net Weight                    | 1461.700/mg   |
| Number of Rows                | 1             |
| Packaging Type                | Bag           |
| Panel Mount                   | No            |
| Pitch - Mating Interface      | 2.50mm        |
| Temperature Range - Operating | -40° to +85°C |

### Mates With / Use With

#### Mates with Part(s)

| Description                          | Part Number   |
|--------------------------------------|---------------|
| CP-2.5 Mini Single Row Plug Housings | <u>500593</u> |

## Use with Part(s)

| Description   | Part Number   |
|---|---------------|
| CP-2.5 Mini and CP-3.3 Female Crimp Terminals           | <u>50397</u>  |
| CP-2.5 Mini Terminal Position Assurance (TPA) Retainers | <u>500817</u> |

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