**Part Number :** 5005920600
**Product Description :** 2.50mm Pitch CP-2.5 Mini Wire-to-Wire Receptacle Housing, Positive Lock, Single Row, 6 Circuits, Natural
**Series Number :** 500592
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

5005920600_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

5005929200-200.pdf

PS-500592-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | 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)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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 | 500592 |
| Description | 2.50mm Pitch CP-2.5 Mini Wire-to-Wire Receptacle Housing, Positive Lock, Single Row, 6 Circuits, Natural |
| Application | Wire-to-Wire |
| Component Type | Receptacle |
| Product Name | CP-2.5 Mini |
| UPC | 756054724972 |

### Physical

| | |
|---|---|
| Circuits (maximum) | 6 |
| Color - Resin | Natural |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Material - Resin | Polyester |
| Net Weight | 1318.900/mg |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 2.50mm |
| Pitch - Termination Interface | 2.50mm |

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| | |
|---|---|
| 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 | 500593 |

### Use with Part(s)

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



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