



**Part Number :** [5005920204](#)  
**Product Description :** 2.50mm Pitch CP-2.5 Mini Wire-to-Wire Receptacle Housing, Positive Lock, Single Row, 2 Circuits, Blue  
**Series Number :** 500592  
**Status :** Active  
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

- [5005920204 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

### Specifications

- [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

- 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, 2 Circuits, Blue |
| Application  | Signal, Wire-to-Wire                                                                                  |
| Product Name | CP-2.5 Mini                                                                                           |
| UPC          | 822348776559                                                                                          |

### Physical

|                               |               |
|-------------------------------|---------------|
| Circuits (maximum)            | 2             |
| Color - Resin                 | Blue          |
| Gender                        | Receptacle    |
| Glow-Wire Capable             | No            |
| Material - Resin              | Polyester     |
| Net Weight                    | 730.001/mg    |
| Number of Rows                | 1             |
| Packaging Type                | Bag           |
| Panel Mount                   | No            |
| Pitch - Mating Interface      | 2.50mm        |
| Pitch - Termination Interface | 2.50mm        |
| Temperature Range - Operating | -40° to +85°C |

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## 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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