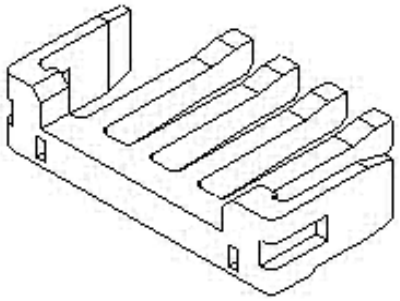
**Part Number :** 5008170505
**Product Description :** 2.50mm Pitch CP-2.5 Mini Wire-to-Wire Terminal Position Assurance (TPA) Retainer, 5 Circuits
**Series Number :** 500817
**Status :** Active
**Product Category :** Connector Accessories



## Documents and Resources

### Drawings

5008170505_sd.pdf

### 3D Models and Design Files

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

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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 Accessories |
| Series | 500817 |
| Description | 2.50mm Pitch CP-2.5 Mini Wire-to-Wire Terminal Position Assurance (TPA) Retainer, 5 Circuits |
| Component Type | Terminal Position Assurance (TPA) |
| Product Name | CP-2.5 Mini |
| UPC | 756054876084 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| Color - Resin | Gray |
| Material - Resin | Polyester |
| Net Weight | 149.500/mg |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Temperature Range - Operating | -40° to +85°C |

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## Mates With / Use With

### Use with Part(s)

| Description | Part Number |
| --- | --- |
| CP-2.5 Mini Single Row Receptacle Housings | 500592 |
| CP-2.5 Mini Single Row Plug Housings | 500593 |



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