



**Part Number :** [5055940411](#)  
**Product Description :** MUO 2.5 Wire-to-Wire  
Terminal Position Assurance (TPA) Retainer, 2.50mm  
Pitch, 4 Circuits, Gray  
**Series Number :** 505594  
**Status :** Active  
**Product Category :** Connector Accessories



## Documents & Resources

### Drawings

[5055940411\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[5055960000-AS-001.pdf](#)

[5055960000-AS-000.pdf](#)

[5055949200-200.pdf](#)

[5055960000-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025)                                                           |
| 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 Accessories                                                                           |
| Series         | 505594                                                                                          |
| Description    | MUO 2.5 Wire-to-Wire Terminal Position Assurance (TPA) Retainer, 2.50mm Pitch, 4 Circuits, Gray |
| Component Type | Terminal Position Assurance                                                                     |
| Product Name   | MUO 2.5                                                                                         |
| UPC            | 889056530552                                                                                    |

### Physical

|                               |                |
|-------------------------------|----------------|
| Circuits (Loaded)             | 4              |
| Circuits (maximum)            | 4              |
| Color - Resin                 | Gray           |
| Material - Resin              | Polyester      |
| Net Weight                    | 329.000/mg     |
| Number of Rows                | 2              |
| Packaging Type                | Bag            |
| Temperature Range - Operating | -40° to +105°C |

Mates With / Use With

Use with Part(s)

| Description                                  | Part Number   |
|----------------------------------------------|---------------|
| MUO 2.5 Wire-to-Wire Plug Housing Assemblies | <u>505596</u> |