



**Part Number :** [5006381607](#)  
**Product Description :** 2.00mm Pitch MicroClasp  
Wire-to-Board Terminal Position Assurance (TPA)  
Retainer, Gray, 16 Circuits  
**Series Number :** 500638  
**Status :** Active  
**Product Category :** Connector Accessories



## Documents & Resources

### Drawings

[5006381607\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[561340000-AS-000.pdf](#)

[5006389200-200.pdf](#)


[PS-500637-001-001.pdf](#)

[PS-51353-003-001.pdf](#)

[PS-51353-010-001.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)4165-DC (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         | 500638  |
| Description    | 2.00mm Pitch MicroClasp Wire-to-Board Terminal Position Assurance (TPA) Retainer, Gray, 16 Circuits |
| Component Type | Terminal Position Assurance   |
| Product Name   | MicroClasp  |
| UPC            | 756054724743  |

### Physical

|                          |            |
|--------------------------|------------|
| Circuits (Loaded)        | 16         |
| Circuits (maximum)       | 16         |
| Color - Resin            | Gray       |
| Gender                   | N/A        |
| Material - Resin         | Polyester  |
| Net Weight               | 296.000/mg |
| Number of Rows           | 1          |
| Packaging Type           | Bag        |
| Polarized to Mating Part | Yes        |

|                               |                |
|-------------------------------|----------------|
| Temperature Range - Operating | -40° to +105°C |
|-------------------------------|----------------|

**Mates With / Use With**

**Use with Part(s)**

| Description                               | Part Number  |
|---|--------------|
| MicroClasp Dual Row Receptacle Housings   | <u>51353</u> |
| MicroClasp Single Row Receptacle Housings | <u>51382</u> |