



**Part Number :** [5006381607](#)

**Product Description :** MicroClasp Terminal Position Assurance (TPA) Retainer, 2.00mm Pitch, Gray, 16 Circuits

**Series Number :** 500638

**Status :** Active

**Product Category :** Connector Accessories



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## Documents and 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](#)

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## 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 Accessories
Series	500638
Description	MicroClasp Terminal Position Assurance (TPA) Retainer, 2.00mm Pitch, Gray, 16 Circuits
Component Type	Terminal Position Assurance (TPA)
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>

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This document was generated on May 04, 2026