



**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



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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)6375-DC (05 Nov 2025) SCIP:f5fd00e3-6ae4-49d8-b873-

	e8db11e5d3ea
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

## 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>

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