



Part Number : [5006382007](#)
Product Description : 2.00mm Pitch MicroClasp
Wire-to-Board Terminal Position Assurance (TPA)
Retainer, Gray, 20 Circuits
Series Number : 500638
Status : Active
Product Category : Connector Accessories



Documents & Resources

Drawings

[5006382007_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

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


[5006389200-200.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

Part Details

General

Status	Active
Category	Connector Accessories
Series	500638
Description	2.00mm Pitch MicroClasp Wire-to-Board Terminal Position Assurance (TPA) Retainer, Gray, 20 Circuits
Component Type	Terminal Position Assurance
Product Name	MicroClasp
UPC	889056256766

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Gray
Gender	N/A
Material - Resin	Polyester
Net Weight	403.200/mg
Number of Rows	1
Packaging Type	Bag
Polarized to Mating Part	Yes

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