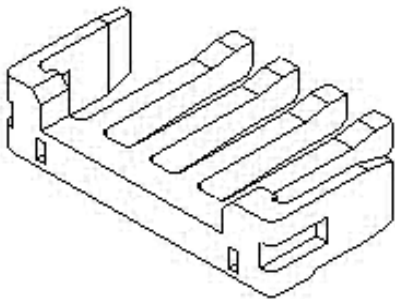




Part Number : [5008170405](#)
Product Description : 2.50mm Pitch CP-2.5 Mini
Wire-to-Wire Terminal Position Assurance (TPA)
Retainer, 4 Circuits
Series Number : 500817
Status : Active
Product Category : Connector Accessories



Documents and Resources

Drawings

[5008170405_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[PS-500592-001-001.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)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

Part Details

General

Status	Active
Category	Connector Accessories
Series	500817
Description	2.50mm Pitch CP-2.5 Mini Wire-to-Wire Terminal Position Assurance (TPA) Retainer, 4 Circuits
Component Type	Terminal Position Assurance (TPA)
Product Name	CP-2.5 Mini
UPC	756054876077

Electrical

Current - Maximum per Contact	3.0A
-------------------------------	------

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Gray
Material - Resin	Polyester
Net Weight	127.400/mg
Number of Rows	1
Packaging Type	Bag
Temperature Range - Operating	-40° to +85°C

Mates With / Use With

Use with Part(s)

Description	Part Number
CP-2.5 Mini Single Row Receptacle Housings	<u>500592</u>
CP-2.5 Mini Single Row Plug Housings	<u>500593</u>

This document was generated on Apr 23, 2026