



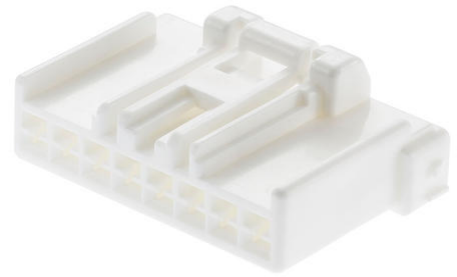
**Part Number :** [5005920600](#)

**Product Description :** 2.50mm Pitch CP-2.5 Mini Wire-to-Wire Receptacle Housing, Positive Lock, Single Row, 6 Circuits, Natural

**Series Number :** 500592

**Status :** Active

**Product Category :** Connector Housings



---

## Documents and Resources

### Drawings

[5005920600\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications


[5005929200-200.pdf](#)

[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 Housings
Series	500592
Description	2.50mm Pitch CP-2.5 Mini Wire-to-Wire Receptacle Housing, Positive Lock, Single Row, 6 Circuits, Natural
Application	Signal, Wire-to-Wire
Product Name	CP-2.5 Mini
UPC	756054724972

### Physical

Circuits (maximum)	6
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	No
Material - Resin	Polyester
Net Weight	1318.900/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.50mm

Pitch - Termination Interface	2.50mm
Temperature Range - Operating	-40° to +85°C

---

## Mates With / Use With

### Mates with Part(s)

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

### Use with Part(s)

Description	Part Number
CP-2.5 Mini and CP-3.3 Female Crimp Terminals	<u>50397</u>
CP-2.5 Mini Terminal Position Assurance (TPA) Retainers	<u>500817</u>

---

This document was generated on Apr 23, 2026