Part Number : 5005920800
Product Description : 2.50mm Pitch CP-2.5 Mini Wire-to-Wire Receptacle Housing, Positive Lock, Single Row, 8 Circuits, Natural
Series Number : 500592
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

5005920800_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

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- 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, 8 Circuits, Natural
Application	Wire-to-Wire
Component Type	Receptacle
Product Name	CP-2.5 Mini
UPC	756054724996

Physical

Circuits (maximum)	8
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	No
Material - Resin	Polyester
Net Weight	1604.400/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm

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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	500593

Use with Part(s)

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

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