Part Number : 5055960401
Product Description : MUO 2.5 Wire-to-Wire Plug Housing Assembly, 2.50mm Pitch, 4 Circuits, Black
Series Number : 505596
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

5055960401_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

5055960000-AS-001.pdf

5055960000-AS-000.pdf

5055969200-200.pdf

5055960000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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

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- 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	505596
Description	MUO 2.5 Wire-to-Wire Plug Housing Assembly, 2.50mm Pitch, 4 Circuits, Black
Application	Signal, Wire-to-Wire
Product Name	MUO 2.5
UPC	889056530569

Agency

UL	E29179

Physical

Circuits (maximum)	4
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Material - Resin	Polyamide (PA)
Net Weight	806.000/mg
Number of Rows	2

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Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Use with Part(s)

Description	Part Number
MicroClasp 2.00mm Pitch and MUO 2.5 Crimp Terminal, Female, Tin (Sn) Plated, 28-22 AWG, Copper Alloy, Reel	561349000
MicroClasp 2.00mm Pitch and MUO 2.5 Crimp Terminal, Female, Tin (Sn) Plated, 28-22 AWG, Copper Alloy, Bag	561349100
MUO 2.5 Female Crimp Terminals	505597
2.00mm Pitch Female Terminals	59370

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