



**Part Number :** [5055960601](#)

**Product Description :** MUO 2.5 Wire-to-Wire Plug Housing Assembly, 2.50mm Pitch, 6 Circuits, Black

**Series Number :** 505596

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[5055960601\\_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](#)

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## 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)6375-DC (05 Nov 2025) SCIP:d747b4e7-97c1-4d7b-ba02-2f810d0d4a9a
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

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	505596
Description	MUO 2.5 Wire-to-Wire Plug Housing Assembly, 2.50mm Pitch, 6 Circuits, Black
Application	Signal, Wire-to-Wire
Product Name	MUO 2.5
UPC	889056530576

### Agency

UL	E29179
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### Physical

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Material - Resin	Polyamide

Net Weight	1044.000/mg
Number of Rows	2
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
2.00mm Pitch, MicroClasp and MUO 2.5 Crimp Terminal, Female, 28-22 AWG, Copper Alloy, Reel	<u>561349000</u>
2.00mm Pitch, MicroClasp and MUO 2.5 Crimp Terminal, Female, 28-22 AWG, Copper Alloy, Bag	<u>561349100</u>
MUO 2.5 Female Crimp Terminals	<u>505597</u>
2.00mm Pitch Female Terminals	<u>59370</u>

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