



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 & 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)4165-DC (25 June 2025)
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	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
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Physical

Circuits (maximum)	4
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Material - Resin	Polyamide
Net Weight	806.000/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 Crimp Terminal, Female, 28-22 AWG, Copper Alloy, Reel	<u>561349000</u>
2.00mm Pitch 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>