



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
[5055960401_stp.zip](#)

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	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents
- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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

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>

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