



Part Number : [5055979100](#)

Product Description : MUO 2.5 Crimp Terminal, Female, SHKV0.5 and 20 AWG, Copper Alloy, Bag

Series Number : 505597

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : [5055979000](#) (Reel)



Documents & Resources

Drawings

[5055979100_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[5055960000-AS-001.pdf](#)

[5055960000-AS-000.pdf](#)

[5055979200-200.pdf](#)


[5055960000-PS-000.pdf](#)

Tooling Specifications

[5055970000-CS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
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
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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	Crimp Terminals
Series	505597
Description	MUO 2.5 Crimp Terminal, Female, SHKV0.5 and 20 AWG, Copper Alloy, Bag
Application	Signal, Wire-to-Wire
Product Name	MUO 2.5
UPC	889056530606

Electrical

Current - Maximum per Contact	5.0A
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Physical

Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin

Net Weight	45.500/mg
Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.25-2.00mm
Wire Size (AWG)	20, 22, 24, 26, 28, SHKV0.3, SHKV0.5
Wire Size mm ²	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
MUO 2.5 Wire-to-Wire Plug Housing Assemblies	<u>505596</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for MUO 2.5 Terminals, 0.30-0.50mm ² SHKV Wire	<u>2002185800</u>
Extraction and Activation Tool	<u>638132700</u>