



Part Number : [5055979000](#)

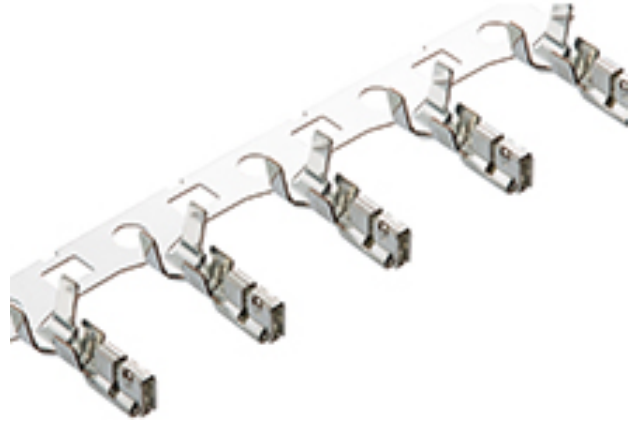
Product Description : MUO 2.5 Crimp Terminal, Female, SHKV0.5 and 20 AWG, Copper Alloy, Reel

Series Number : 505597

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : [5055979100](#) (Bag)



Documents & Resources

Drawings

[5055979000_sd.pdf](#)

3D Models and Design Files

[5055979000_stp.zip](#)

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	
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	Crimp Terminals
Series	505597
Description	MUO 2.5 Crimp Terminal, Female, SHKV0.5 and 20 AWG, Copper Alloy, Reel
Application	Signal, Wire-to-Wire
Product Name	MUO 2.5
UPC	889056530590

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	Reel
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

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, 22-20 AWG	<u>2002185700</u>
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>
FA2 Mechanical Feed Crimp Applicator for MUO 2.5 Crimp Terminals, 22-20 AWG UL 1007, 0.50mm ² and 0.30mm ² SHKV Wire	<u>2130694100</u>
FA2 Pneumatic Feed Crimp Applicator for MUO 2.5 Crimp Terminals, 22-20 AWG UL 1007, 0.50mm ² and 0.30mm ² SHKV Wire	<u>2130694110</u>
FA2 Mechanical Feed Crimp Applicator for MUO 2.5 Crimp Terminals, 22-20 AWG, UL 1061 Wire	<u>2130694200</u>
FA2 Pneumatic Feed Crimp Applicator for MUO 2.5 Crimp Terminals, 22-20 AWG, UL 1061 Wire	<u>2130694210</u>

Application Tooling

Japan

Description	Part Number
S-1 Applicator for MUO 2.5 Terminals, 22-20 AWG	<u>5781553700</u>

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