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

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

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, Reel
Application	Signal, Wire-to-Wire
Product Name	MUO 2.5
UPC	889056530590

Electrical

Current - Maximum per Contact	5.0A

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

Mates With / Use With

Use with Part(s)

Description	Part Number
MUO 2.5 Wire-to-Wire Plug Housing Assemblies	505596

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for MUO 2.5 Terminals, 22-20 AWG	2002185700
Hand Crimp Tool for MUO 2.5 Terminals, 0.30-0.50mm^2 SHKV Wire	2002185800
Extraction and Activation Tool	638132700
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	2130694100
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	2130694110
FA2 Mechanical Feed Crimp Applicator for MUO 2.5 Crimp Terminals, 22-20 AWG, UL 1061	2130694200

Wire	
FA2 Pneumatic Feed Crimp Applicator for MUO 2.5 Crimp Terminals, 22-20 AWG, UL 1061 Wire	2130694210

Japan

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