



Part Number : [366640002](#)
Product Description : MLX Crimp Terminal 42024,
12-10 AWG, Loose, Tin (Sn)
Series Number : 36663
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [366640001](#) (Reel)



Documents and Resources

Drawings

- [366640002 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [PS-36663-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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)7771-DC (04 Feb 2026)
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	36663
Description	MLX Crimp Terminal 42024, 12-10 AWG, Loose, Tin (Sn)
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Maximum current per contact 20A if used with 36663 and 36664 terminal
Product Name	MLX
UPC	822348518142

Electrical

Current - Maximum per Contact	20.0A
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Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.405/g
Packaging Type	Bag
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm

Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	5.08mm max.
Wire Size (AWG)	10, 12
Wire Size mm ²	3.30, 5.25

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Temp	260

Mates With / Use With

Use with Part(s)

Description	Part Number
2.13mm Diameter MLX Power Crimp Housing Plugs	<u>42021</u>
2.13mm Diameter MLX Pin and Socket Receptacles	<u>42022</u>
MLX Crimp Terminals	<u>36663</u>
MLX Female Terminals	<u>36664</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for MLX Crimp Terminals, 12-10 AWG	<u>638114700</u>
Extraction Tool for MLX 12-10 AWG 2.24mm Diameter Pin and Socket Crimp Terminals	<u>638246100</u>

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