



Part Number : [366640001](#)
Product Description : MLX Crimp Terminal 42024,
12-10 AWG, Reel, Tin (Sn)
Series Number : 36664
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [366640002](#) (Bag)




Documents & Resources

- Drawings**
[366640001 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)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	36664
Description	MLX Crimp Terminal 42024, 12-10 AWG, Reel, 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	822348359370

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	0.496/g
Packaging Type	Reel
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

Lead-Free Process Capability	N/A
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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>
Mini-Mac Applicator	<u>638325200</u>
T2 Terminator Die	<u>638584000</u>

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