



Part Number : [366630002](#)
Product Description : MLX Crimp Terminal,
10-12 AWG, Bag, Tin (Sn)
Series Number : 36663
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : 0366630001 (Reel)



Documents & Resources

Drawings


[Drawing 366630002_sd.pdf](#)

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	36663
Description	MLX Crimp Terminal, 10-12 AWG, Bag, Tin (Sn)
Application	Power, Wire-to-Wire
Comments	Maximum current per contact 20A if used with 36663 and 36664 terminal
Product Family	MLX Power Connectors
Product Name	MLX
UPC	822348518135

Electrical

Current - Maximum per Contact	20.0A
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Physical

Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.385/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

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, 10-12 AWG	<u>0638114700</u>
Extraction Tool for MLX 10-12 AWG 2.24mm Diameter Pin and Socket Crimp Terminals	<u>0638246100</u>

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