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 & 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)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	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

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	42021
2.13mm Diameter MLX Pin and Socket Receptacles	42022
MLX Crimp Terminals	36663
MLX Female Terminals	36664

Application Tooling

Global

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