



Part Number : [02081002](#)
Product Description : MLX Crimp Terminal 42024,
20-14 AWG, Bag Tin (Sn)
Series Number : 42024
Status : Active
Product Category : Crimp Terminals
Engineering Number : 42024-1A1L
Packaging Alternative : [02081001](#) (Reel)



Documents & Resources

Drawings

- [002081002_sd.pdf](#)
- [PK-36518-381-001.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [PS-42022-0001-001.pdf](#)
- [TS-42022-0001-001.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	42024
Description	MLX Crimp Terminal 42024, 20-14 AWG, Bag Tin (Sn)
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	MLX
UPC	800753615885

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.344/g
Packaging Type	Bag
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.52-3.30mm
Wire Size (AWG)	14, 16, 18, 20

Wire Size mm ²	N/A
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Solder Process Data

Lead-Free Process Capability	N/A
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Application Tooling

Global

Description	Part Number
Extraction Tool for MLX 2.13mm Diameter Pin and Socket Crimp Terminals	<u>11010168</u>
PremiumGrade Hand Crimp Tool for MLX Pin and Socket Terminals, 20-14 AWG	<u>638116800</u>