



Part Number : [02082006](#)  
Product Description : MLX Crimp Terminal  
42023, 20-14 AWG, Bag Tin (Sn)  
Series Number : 42023  
Status : Active  
Product Category : Crimp Terminals  
Engineering Number : 42023-2B1L  
Packaging Alternative : 02082005 (Reel)



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## Documents & Resources

### Drawings

[002082006\\_sd.pdf](#)

### Specifications


[PS-42022-0001-001.pdf](#)

[TS-42022-0001-001.pdf](#)

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## 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(2024)6225-DC (07 Nov 2024)
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

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	42023
Description	MLX Crimp Terminal 42023, 20-14 AWG, Bag Tin (Sn)
Application	Power, Wire-to-Wire
Product Name	MLX
UPC	800753615670

### Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.320/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 <sup>2</sup>	N/A

### 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>

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