molex

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)

Documents & Resources

Drawings
002082006_sd.pdf

Specifications
PS-42022-0001-001.pdf
TS-42022-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	e
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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	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 mm²	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Application Tooling

Global

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

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