molex



Part Number : 02082004
Product Description : MLX Crimp Terminal 42023, 20-14 AWG, Bag Tin (Sn)
Series Number : 42023
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : 42023-2A1L
Packaging Alternative : 02082003 (Reel)

Documents & Resources

Drawings

002082004_sd.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	42023
Description	MLX Crimp Terminal 42023, 20-14 AWG, Bag Tin (Sn)
Application	Power, Wire-to-Wire
Product Name	MLX
UPC	800753618725

Physical

Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.332/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

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