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Part Number:

0002082003

Status:

Active

Overview:

MLX Power Connectors

Description:

MLX Male Crimp Terminal 42023, 14-20 AWG, Reel, Brass, Tin (Sn) Plating

Documents:

- Drawing (PDF)

Datasheet (PDF)
- Product Specification PS-42022-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Test Summary TS-42022-0001-001 (PDF)

General

Product Family

Crimp Terminals

Series

42023

Application

Power, Wire-to-Wire

Crimp Quality Equipment

Yes

Overview

MLX Power Connectors

Packaging Alternative

02082004 (Loose)

Product Name

MLX

Taxonomy

Crimp Terminals

UPC

800753615656

Physical

Gender

Male

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Net Weight

450.000/mg

Packaging Type

Reel

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-freeProcess Capability

N/A

Material Info

Engineering Number

42023-2A1

Reference - Drawing Numbers

Product Specification

PS-42022-0001-001

Sales Drawing

SD-42023-XXXX-001, SD-42023-XXXX-002

Test Summary

TS-42022-0001-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

42023 Series

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Extraction Tool for MLX 2.13mm Diameter Pin and Socket Crimp Terminals	11010168
PremiumGrade Hand Crimp Tool for MLX Pin and Socket Terminals, 14-20 AWG	638116800
FineAdjust Applicator for Crimp Terminals, 14-20 AWG Wire	639007500

with 2.08-2.50mm
Diameter Insulation
FineAdjust Applicator639009800
for Crimp Terminals,
14-20 AWG Wire
with 2.65-3.30mm
Diameter Insulation
FineAdjust Applicator639009900
for Crimp Terminals,
14-20 AWG Wire
with 2.41-2.95mm
Diameter Insulation
T2 Terminator 639107500
for MLX Crimp
Terminals, 14-20
AWG
T2 Terminator 639109800
Tooling Die for Crimp
Terminals, 14-20
AWG Wire
T2 Terminator 639109900
Tooling Die for Crimp
Terminals, 14-20
AWG Wire

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