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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 | <u>42023</u> |
| Application | Power, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | <u>MLX Power Connectors</u> |
| Packaging Alternative | <u>02082004 (Loose)</u> |
| Product Name | MLX |
| UPC | 800753615656 |

Physical

| | |
|--------------------------------|----------------------|
| Gender | Male |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.320/g |
| 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 mm ² | 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 |
| Test Summary | TS-42022-0001-001 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 | <u>11010168</u> |
| PremiumGrade Hand Crimp Tool for MLX Pin and Socket Terminals, 14-20 AWG | <u>638116800</u> |
| FineAdjust Applicator for Crimp Terminals, 14-20 AWG Wire | <u>639007500</u> |

with 2.08-2.50mm
Diameter Insulation
FineAdjust Applicator [639009800](#)
for Crimp Terminals,
14-20 AWG Wire
with 2.65-3.30mm
Diameter Insulation
FineAdjust Applicator [639009900](#)
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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