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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
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 mm ²	N/A

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	42023-2A1
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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

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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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