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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)

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

Test Summary TS-42022-0001-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (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
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 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	China 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	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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Molex:

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