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Part Number:

0002081003

Status:

Active

Overview:

MLX Power Connectors

Description:

MLX Female Crimp Terminal 42024, 14-20 AWG, Reel, Phosphor Bronze, 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	42024
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	MLX Power Connectors
Packaging Alternative	02081004 (Loose)
Product Name	MLX
UPC	800753618411
Physical	
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.359/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

42024-1B1

Reference - Drawing Numbers

Product Specification

SD-42024-XXXX-001

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(2021)4569-DC (8

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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

42024 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:

[02-08-1003](#) [02-08-1003 \(Cut Strip\)](#) [02-08-1003 \(Mouser Reel\)](#)