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Part Number: [0002081001](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: MLX Female Crimp Terminal 42024, 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 [42024](#)
 Application Power, Wire-to-Board, Wire-to-Wire
 Crimp Quality Equipment Yes
 Overview [MLX Power Connectors](#)
 Packaging Alternative [02081002 \(Loose\)](#)
 Product Name MLX
 UPC 800753615878

Physical

Gender Female
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 0.406/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 42024-1A1

Reference - Drawing Numbers

Product Specification PS-42022-0001-001
 Sales Drawing SD-42024-XXXX-001, SD-42024-XXXX-002
 Test Summary TS-42022-0001-001



Series image - Reference only

EU ELV

Compliant

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

Green Image

Compliant

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 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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