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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 \(PDF\)](#) [Test Summary TS-42022-0001-001 \(PDF\)](#)
[Product Specification PS-42022-0001-001 \(PDF\)](#) [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 PS-42022-0001-001
 Sales Drawing SD-42024-XXXX
 Test Summary TS-42022-0001-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ECHA_01_2020 (16
 January 2020

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

[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 | 11010168 |
|-----------------|--------------------------|

| | |
|-----------------|---------------------------|
| Hand Crimp Tool | 638116800 |
|-----------------|---------------------------|

for Pin and Socket

Crimp Terminals

| | |
|-----------------------|---------------------------|
| FineAdjust Applicator | 639007500 |
|-----------------------|---------------------------|

for Crimp Terminals,

14-20 AWG Wire

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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