

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0002081002](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: MLX Crimp Terminal 42024, 14-20 AWG, Bag Tin (Sn)

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-42022-0001-001 \(PDF\)](#)
[Product Specification PS-42022-0001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-36518-381-001 \(PDF\)](#)

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 [02081001 \(Reel\)](#)
 Product Name MLX
 UPC 800753615885

Physical

Gender Female
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 0.344/g
 Packaging Type Bag
 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 42024-1A1L

Reference - Drawing Numbers

Packaging Specification PK-36518-381-001
 Product Specification PS-42022-0001-001
 Sales Drawing SD-42024-XXXX
 Test Summary TS-42022-0001-001



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