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Part Number: [0002081001](#)
Status: **Active**
Overview: [MLX™ Power Connectors](#)
Description: [MLX™ Crimp Terminal 42024, 14-20 AWG, Reel, Tin \(Sn\)](#)

Documents:

[3D Model](#) [Test Summary TS-42022-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-42022-0001-001 \(PDF\)](#)

General

Product Family [Crimp Terminals](#)
Series [42024](#)
Application [Power](#)
Crimp Quality Equipment [Yes](#)
Overview [MLX™ Power Connectors](#)
Packaging Alternative [02-08-1002 \(Loose\)](#)
Product Name [MLX™](#)
UPC [800753615878](#)

Physical

Gender [Female](#)
Material - Metal [Brass](#)
Material - Plating Mating [Tin](#)
Material - Plating Termination [Tin](#)
Net Weight [0.344/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-****](#)
Test Summary [TS-42022-0001-001](#)



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

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 #
Hand Crimp Tool for Pin and Socket Crimp Terminals	0638116800
Extraction Tool	0011010168
FineAdjust™ Applicator for Crimp Terminals, 14-20 AWG Wire	0639009800

with 2.65-3.30mm Diameter Insulation Tooling Kit for Mini- Fit Compliant Pin Insertion	<u>0639107500</u>
T2 Terminator Tooling Die for Crimp Terminals, 14-20 AWG Wire	<u>0639109900</u>
FineAdjust™ Applicator for Crimp Terminals, 14-20 AWG Wire with 2.08-2.50mm Diameter Insulation	<u>0639007500</u>
FineAdjust™ Applicator for Crimp Terminals, 14-20 AWG Wire with 2.08-2.50mm Diameter Insulation	<u>0639009900</u>
FineAdjust™ Applicator for Crimp Terminals, 14-20 AWG Wire with 2.41-2.95mm Diameter Insulation	
T2 Terminator Tooling Die for Crimp Terminals, 14-20 AWG Wire	<u>0639109800</u>

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