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

**Documents:**  
[Drawing \(PDF\)](#)  
[Product Specification PS-42022-0001-001 \(PDF\)](#)  
[Packaging Specification PK-36518-381-001 \(PDF\)](#)  
[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 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



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per -  
D(2020)4578-DC (25  
June 2020)  
**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                                    | 11010168  |
| Hand Crimp Tool for Pin and Socket Crimp Terminals | 638116800 |

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