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**Part Number:** [02-08-1001](#)  
**Status:** **Active**  
**Overview:** [MLX™ Power Connectors](#)  
**Description:** MLX Crimp Terminal 42024, 14-20 AWG, Reel, Tin (Sn)

**Documents:**

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

**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

**Material Info**

Old Part Number 42024-1A1

**Reference - Drawing Numbers**

Product Specification [PS-42022-0001](#)  
 Sales Drawing [SD-42024-\\*\\*\\*\\*](#)



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[42024Series](#)

**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   | <a href="#">0011010168</a> |
| Hand Crimp Tool for Pin and Socket Crimp Terminals  | <a href="#">0638116800</a> |
| FineAdjust™ Applicator for Crimp Terminals, 14-20 AWG Wire with 2.08-2.50mm Diameter Insulation | <a href="#">0639007500</a> |
| FineAdjust™ Applicator for Crimp Terminals, 14-20 AWG Wire                                      | <a href="#">0639009800</a> |

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

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