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**Part Number:** [02-08-1003](#)  
**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	<a href="#">MLX™ Power Connectors</a>
Packaging Alternative	<a href="#">02-08-1004 (Loose)</a>
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

**Material Info**

Old Part Number 42024-1B1

**Reference - Drawing Numbers**

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



image - Reference only

**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 #
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 2.65-3.30mm Diameter Insulation FineAdjust™ Applicator for Crimp Terminals, 14-20 AWG Wire with 2.41-2.95mm Diameter Insulation	<u>0639009900</u>
Tooling Kit for Mini- Fit Compliant Pin Insertion	<u>0639107500</u>
T2 Terminator Tooling Die for Crimp Terminals, 14-20 AWG Wire	<u>0639109800</u>
T2 Terminator Tooling Die for Crimp Terminals, 14-20 AWG Wire	<u>0639109900</u>
Extraction Tool	<u>0011010168</u>

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