

**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:**

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

**General**

Product Family [Crimp Terminals](#)  
Series [42024](#)  
Application [Power](#)  
Crimp Quality Equipment [Yes](#)  
MolexKits [Yes](#)  
Overview [MLX™ Power Connectors](#)  
Packaging Alternative [02-08-1001 \(Reel\)](#)  
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**

Old Part Number [42024-1A1L](#)

**Reference - Drawing Numbers**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

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

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

China ROHS

ELV

Green Image

Not Relevant

**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 Extraction Tool	<a href="#">0638116800</a>   <a href="#">0011010168</a>