

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0002082003](#)  
**Status:** **Active**  
**Overview:** [MLX™ Power Connectors](#)  
**Description:** [MLX™ Crimp Terminal 42023, 14-20 AWG, Reel 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 [42023](#)  
Application [Power](#)  
Crimp Quality Equipment [Yes](#)  
Overview [MLX™ Power Connectors](#)  
Packaging Alternative [02-08-2004 \(Loose\)](#)  
Product Name [MLX™](#)  
UPC [800753615656](#)

**Physical**

Gender [Male](#)  
Material - Metal [Brass](#)  
Material - Plating Mating [Tin](#)  
Material - Plating Termination [Tin](#)  
Net Weight [0.320/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**

Old Part Number [42023-2A1](#)

**Reference - Drawing Numbers**

Product Specification [PS-42022-0001](#)  
Sales Drawing [SD-42023-\\*\\*\\*\\*](#)  
Test Summary [TS-42022-0001](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

No -ED/39/2015 (15 June 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**

[42023 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	<a href="#">0638116800</a>
Tooling Kit for Mini-Fit Compliant Pin Insertion	<a href="#">0639107500</a>
T2 Terminator	<a href="#">0639109900</a>
Tooling Die for Crimp Terminals, 14-20 AWG Wire	

T2 Terminator	<u>0639109800</u>
Tooling Die for Crimp Terminals, 14-20 AWG Wire	
Extraction Tool	<u>0011010168</u>
FineAdjust™	<u>0639009800</u>
Applicator for Crimp Terminals, 14-20 AWG Wire with 2.65-3.30mm Diameter Insulation	
FineAdjust™	<u>0639007500</u>
Applicator for Crimp Terminals, 14-20 AWG Wire with 2.08-2.50mm Diameter Insulation	
FineAdjust™	<u>0639009900</u>
Applicator for Crimp Terminals, 14-20 AWG Wire with 2.41-2.95mm Diameter Insulation	

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