

**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-42022-0001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-42022-0001-001 \(PDF\)](#)

**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**

Engineering Number [42023-2A1](#)

**Reference - Drawing Numbers**

Product Specification [PS-42022-0001-001](#)  
Sales Drawing [SD-42023-\\*\\*\\*\\*](#)  
Test Summary [TS-42022-0001-001](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**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> |
| Extraction Tool  | <a href="#">0011010168</a> |
| FineAdjust™ Applicator for Crimp Terminals, 14-20 AWG Wire | <a href="#">0639009800</a> |

|  |                   |
|--|-------------------|
| with 2.65-3.30mm<br>Diameter Insulation<br>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>0639109900</u> |
| FineAdjust™<br>Applicator for<br>Crimp Terminals,<br>14-20 AWG Wire<br>with 2.08-2.50mm<br>Diameter Insulation | <u>0639007500</u> |
| FineAdjust™<br>Applicator for<br>Crimp Terminals,<br>14-20 AWG Wire<br>with 2.08-2.50mm<br>Diameter Insulation | <u>0639009900</u> |
| FineAdjust™<br>Applicator for<br>Crimp Terminals,<br>14-20 AWG Wire<br>with 2.41-2.95mm<br>Diameter Insulation |                   |
| T2 Terminator<br>Tooling Die for Crimp<br>Terminals, 14-20<br>AWG Wire   | <u>0639109800</u> |

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