

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

**Part Number:** [0002082003](#)  
**Status:** **Active**  
**Overview:** [MLX Power Connectors](#)  
**Description:** MLX Male Crimp Terminal 42023, 14-20 AWG, Reel, Brass, Tin (Sn) Plating

**Documents:**

[3D Model](#) [Product Specification 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, Wire-to-Wire](#)  
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 mm<sup>2</sup> [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, TS-42022-0001-001](#)  
Sales Drawing [SD-42023-\\*\\*\\*\\*](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

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 #
Extraction Tool	<a href="#">11010168</a>
Hand Crimp Tool for Pin and Socket Crimp Terminals	<a href="#">638116800</a>
FineAdjust Applicator for Crimp Terminals, 14-20 AWG Wire with 2.08-2.50mm Diameter Insulation	<a href="#">639007500</a>
FineAdjust Applicator for Crimp Terminals, 14-20 AWG Wire with 2.65-3.30mm Diameter Insulation	<a href="#">639009800</a>

FineAdjust Applicator 639009900  
for Crimp Terminals,  
14-20 AWG Wire  
with 2.41-2.95mm  
Diameter Insulation  
T2 Terminator 639107500  
for MLX Crimp  
Terminals, 14-20  
AWG  
T2 Terminator 639109800  
Tooling Die for Crimp  
Terminals, 14-20  
AWG Wire  
T2 Terminator 639109900  
Tooling Die for Crimp  
Terminals, 14-20  
AWG Wire

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[Molex:](#)

[02-08-2003](#) [02-08-2003 \(Cut Strip\)](#) [02-08-2003 \(Mouser Reel\)](#)