

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

**Part Number:** [0002081001](#)  
**Status:** **Active**  
**Overview:** [MLX Power Connectors](#)  
**Description:** MLX Female Crimp Terminal 42024, 14-20 AWG, Reel, Brass, Tin (Sn) Plating

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-42022-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Test Summary TS-42022-0001-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<a href="#">42024</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">MLX Power Connectors</a>
Packaging Alternative	<a href="#">02081002</a> (Loose)
Product Name	MLX
UPC	800753615878

**Physical**

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.406/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
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**Material Info**

Engineering Number	42024-1A1
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**Reference - Drawing Numbers**

Product Specification	PS-42022-0001-001
Sales Drawing	SD-42024-XXXX-001, SD-42024-XXXX-002
Test Summary	TS-42022-0001-001



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**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 #
Extraction Tool for MLX 2.13mm Diameter Pin and Socket Crimp Terminals	<a href="#">11010168</a>
PremiumGrade Hand Crimp Tool for MLX Pin and Socket Terminals, 14-20 AWG	<a href="#">638116800</a>
FineAdjust Applicator for Crimp Terminals, 14-20 AWG Wire	<a href="#">639007500</a>

with 2.08-2.50mm  
Diameter Insulation  
FineAdjust Applicator [639009800](#)  
for Crimp Terminals,  
14-20 AWG Wire  
with 2.65-3.30mm  
Diameter Insulation  
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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