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**Part Number:** [0002081004](#)  
**Status:** **Active**  
**Overview:** [MLX™ Power Connectors](#)  
**Description:** [MLX™ Crimp Terminal 42024, 14-20 AWG, Bag Tin \(Sn\)](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary TS-42022-0001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-42022-0001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<a href="#">42024</a>
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">MLX™ Power Connectors</a>
Packaging Alternative	<a href="#">02-08-1003 (Reel)</a>
Product Name	MLX™
UPC	800754227988

**Physical**

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.359/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
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**Material Info**

Engineering Number	420241B1L
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**Reference - Drawing Numbers**

Product Specification	PS-42022-0001
Sales Drawing	SD-42024-****
Test Summary	TS-42022-0001



**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

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>