

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

**Part Number:** [0050841120](#)  
**Status:** **Active**  
**Overview:** [MLX™ Power Connectors](#)  
**Description:** 2.13mm Diameter MLX™ Power Crimp Housing Plug, 12 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-42022-0001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [42021](#)  
 Application Power, Wire-to-Board, Wire-to-Wire  
 Comments Glow Wire Equivalent Part Number [36643-0007](#). Current – Maximum per contact 20A if used with [36663](#) and [36664](#) terminal  
 Overview [MLX™ Power Connectors](#)  
 Product Name MLX™  
 UPC 800753683877

**Physical**

Circuits (maximum) 12  
 Circuits Detail 12  
 Color - Resin Natural  
 Flammability 94V-2  
 Gender Male  
 Glow-Wire Compliant No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Net Weight 6.680/g  
 Number of Rows 4  
 Packaging Type Bag  
 Panel Mount No  
 Pitch - Mating Interface 6.35mm  
 Polarized to Mating Part Yes  
 Stackable No  
 Temperature Range - Operating -55°C to +105°C

**Electrical**

Current - Maximum per Contact 11.0A, 20.0A

**Solder Process Data**

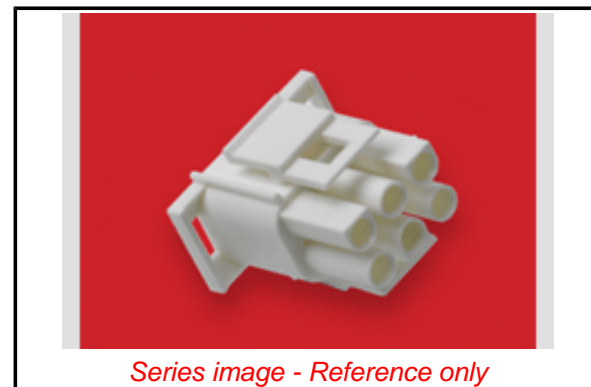
Lead-freeProcess Capability N/A

**Material Info**

Old Part Number 42021-12A

**Reference - Drawing Numbers**

Product Specification PS-42022-0001  
 Sales Drawing SD-42021-\*\*



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(17. December 2014): No

**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**

[42021](#) Series

**Mates With**

[42002](#) MLX™ Power Connector Header,  
[42022](#) MLX™ Pin and Socket Receptacle,  
[43255](#) MLX™ Power Connector Header

**Use With**

MLX™ Crimp Terminal [36663](#) , [36664](#) ,  
[42023](#) , [42024](#)

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