

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

**Part Number:** [50-84-1025](#)  
**Status:** **Active**  
**Overview:** MLX™ Power Connectors  
**Description:** 2.13mm Diameter MLX™ Power Crimp Housing Plug, 2 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 [36643-0002](#). Current – Maximum per contact 20A if used with [36663](#) and [36664](#) terminal  
 Overview [MLX™ Power Connectors](#)  
 Product Name MLX™  
 UPC 800754385411

**Physical**

Circuits (maximum) 2  
 Circuits Detail 2  
 Color - Resin Natural  
 Flammability 94V-0  
 Gender Male  
 Glow-Wire Compliant No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Net Weight 2.038/g  
 Number of Rows 1  
 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**

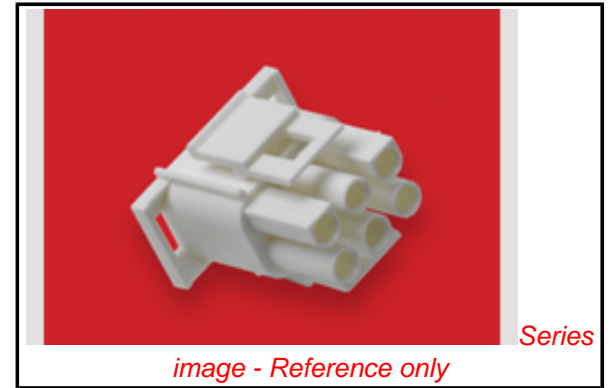
Current - Maximum per Contact 13.5A, 20A

**Material Info**

Old Part Number 4202102C

**Reference - Drawing Numbers**

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



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[42021Series](#)

**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](#)