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**Part Number:** [0050842090](#)  
**Status:** **Active**  
**Overview:** MLX™ Power Connectors  
**Description:** 2.13mm Diameter MLX™ Pin and Socket Receptacle, 9 Circuits

**Documents:**

[3D Model](#) [Product Specification TS-42022-0001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-42022-0001-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [42022](#)  
 Application Power, Wire-to-Wire  
 Comments Glow Wire Equivalent Part Number [36644-0006](#). Current – Maximum per contact 20A if used with [36663](#) and [36664](#) terminal  
 MolexKits Yes  
 Overview [MLX™ Power Connectors](#)  
 Product Name MLX™  
 UPC 800753577473

**Physical**

Circuits (maximum) 9  
 Circuits Detail 9  
 Color - Resin Natural  
 Flammability 94V-2  
 Gender Receptacle  
 Glow-Wire Compliant No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Net Weight 6.878/g  
 Number of Rows 3  
 Packaging Type Carton  
 Panel Mount Yes  
 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 20.0A

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

Engineering Number 42022-9A

**Reference - Drawing Numbers**

Product Specification PS-42022-0001-001, TS-42022-0001-001  
 Sales Drawing SD-42022-\*\*



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[42022](#) Series

**Mates With**

[42021](#) MLX™ Power Crimp Housing Plug

**Use With**

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

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