

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

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [42022](#)  
 Application Power, Wire-to-Wire  
 Comments Glow Wire Equivalent Part Number [366440006](#). Current – Maximum per contact 20A if used with [36663](#) and [36664](#) terminal  
 Overview mlx  
 Product Name MLX  
 UPC 800753577473

**Physical**

Circuits (maximum) 9  
 Circuits Detail 9  
 Color - Resin Natural  
 Flammability 94V-2  
 Gender Receptacle  
 Glow-Wire Capable 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° 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**

Packaging Specification PK-42022-XX-001  
 Product Specification PS-42022-0001-001  
 Sales Drawing SD-42022-XX, SD-42022-XX-001  
 Test Summary TS-42022-0001-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)9139-DC (19  
 Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[42022](#) Series

**Mates With**

MLX Power Crimp Housing Plug [42021](#)

**Use With**

MLX Crimp Terminal [42023](#) , [42024](#) . MLX Male Pre-Crimped Lead [797582029](#) , [797582030](#) . MLX Female Pre-Crimped Lead [797582031](#) , [797582032](#)