

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

**Part Number:** [0050842150](#)  
**Status:** **Active**  
**Overview:** [MLX Power Connectors](#)  
**Description:** 2.13mm Diameter MLX Pin and Socket Receptacle, 15 Circuits, Natural

**Documents:**

|   |   |
|---|---|
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification PK-42022-XX-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Test Summary TS-42022-0001-001 (PDF)</a>          |
| <a href="#">3D Model</a>                                      | <a href="#">Datasheet (PDF)</a>                               |
| <a href="#">Product Specification PS-42022-0001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings   |
| Series         | <a href="#">42022</a>  |
| Application    | Power, Wire-to-Wire  |
| Comments       | Glow Wire Equivalent Part Number <a href="#">366440008</a> . Current – Maximum per contact 20A if used with <a href="#">36663</a> and <a href="#">36664</a> terminal |
| Overview       | <a href="#">MLX Power Connectors</a>   |
| Product Name   | MLX  |
| UPC            | 800753755307   |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 15             |
| Circuits Detail               | 15             |
| 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                    | 10.481/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**

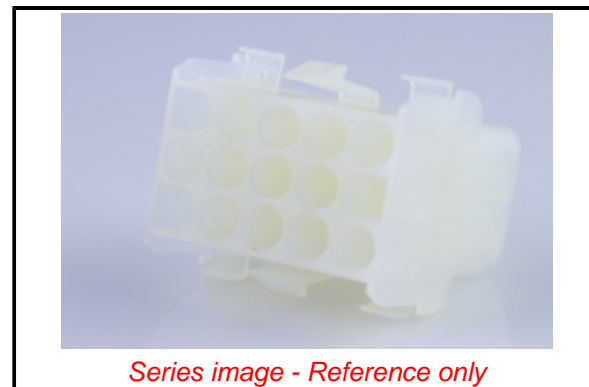
|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |           |
|--------------------|-----------|
| Engineering Number | 42022-15A |
|--------------------|-----------|

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | PK-42022-XX-001   |
| Product Specification   | PS-42022-0001-001 |
| Sales Drawing           | SD-42022-XX-001   |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 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](#)

This document was generated on 09/08/2021

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