

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

**Part Number:** [0050841125](#)  
**Status:** **Active**  
**Overview:** [MLX Power Connectors](#)  
**Description:** 2.13mm Diameter MLX Power Crimp Housing Plug, 12 Circuits, Natural

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Product Specification TS-42022-0001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification PK-42021-XX-001 (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="#">42021</a>   |
| Application    | Power, Wire-to-Board, Wire-to-Wire  |
| Comments       | Glow Wire Equivalent Part Number <a href="#">36643-0007</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            | 800754386142  |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 12             |
| Circuits Detail               | 12             |
| Color - Resin                 | Natural        |
| Flammability                  | 94V-0          |
| Gender                        | Plug           |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 6.820/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° to +105°C |

**Electrical**

|                               |              |
|-------------------------------|--------------|
| Current - Maximum per Contact | 11.0A, 20.0A |
|-------------------------------|--------------|

**Solder Process Data**

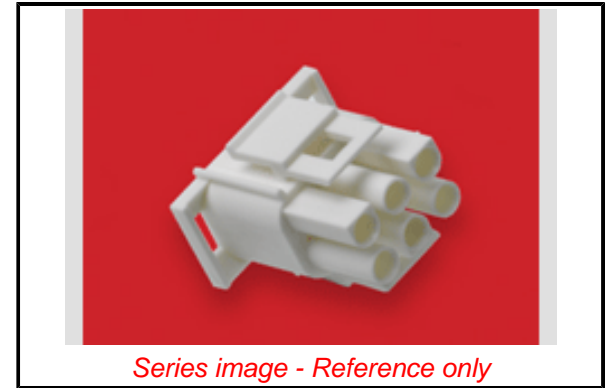
|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

|                    |             |
|--------------------|-------------|
| Engineering Number | 4202112CWHT |
|--------------------|-------------|

**Reference - Drawing Numbers**

|                         |                                      |
|-------------------------|--------------------------------------|
| Packaging Specification | PK-42021-XX-001                      |
| Product Specification   | PS-42022-0001-001, TS-42022-0001-001 |
| Sales Drawing           | SD-42021-XX                          |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**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**

[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](#)

This document was generated on 11/29/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[50-84-1125](#)