

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

**Part Number:** [0050841040](#)  
**Status:** **Active**  
**Overview:** MLX™ Power Connectors  
**Description:** 2.13mm Diameter MLX™ Power Crimp Housing Plug, 4 Circuits

**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- (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="#">36643-0004</a> . Current – Maximum per contact 20A if used with <a href="#">36663</a> and <a href="#">36664</a> terminal |
| MolexKits      | Yes   |
| Overview       | <a href="#">MLX™ Power Connectors</a>   |
| Product Name   | MLX™  |
| UPC            | 800753577541  |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 4               |
| Circuits Detail               | 4               |
| Color - Resin                 | Natural         |
| Flammability                  | 94V-2           |
| Gender                        | Plug            |
| Glow-Wire Compliant           | No              |
| Keying to Mating Part         | None            |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Nylon           |
| Net Weight                    | 3.264/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, 20.0A |
|-------------------------------|--------------|

**Solder Process Data**

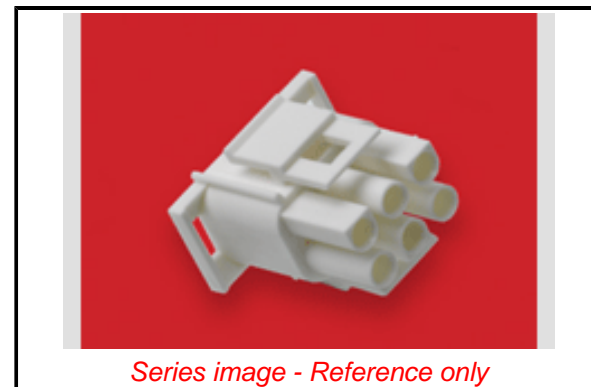
|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |          |
|--------------------|----------|
| Engineering Number | 42021-4A |
|--------------------|----------|

**Reference - Drawing Numbers**

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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 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**

[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](#)

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