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Part Number: [0050841020](#)
Status: **Active**
Overview: [MLX™ Power Connectors](#)
Description: 2.13mm Diameter MLX™ Power Crimp Housing Plug, 2 Circuits

Documents:

| | |
|---|---|
| 3D Model | Packaging Specification PK-42021- (PDF) |
| Drawing (PDF) | Test Summary TS-42022-0001 (PDF) |
| Product Specification PS-42022-0001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

| | |
|----------------|---|
| Product Family | Crimp Housings |
| Series | 42021 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | Glow Wire Equivalent Part Number 36643-0002 . Current – Maximum per contact 20A if used with 36663 and 36664 terminal |
| MolexKits | Yes |
| Overview | MLX™ Power Connectors |
| Product Name | MLX™ |
| UPC | 800753577503 |

Physical

| | |
|-------------------------------|-----------------|
| Circuits (maximum) | 2 |
| Circuits Detail | 2 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Male |
| Glow-Wire Compliant | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 1.960/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

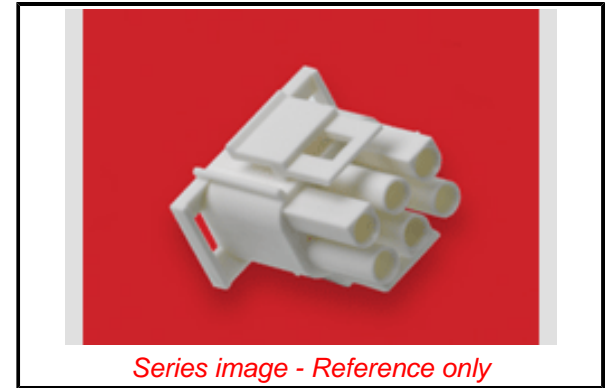
| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

| | |
|--------------------|----------|
| Engineering Number | 42021-2A |
|--------------------|----------|

Reference - Drawing Numbers

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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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