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Part Number: [0050841015](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: 2.13mm Diameter MLX Power Crimp Housing Plug, Nylon 6/6, 94V-0, 1 Circuit, Natural

Documents:

| | |
|---|---|
| 3D Model | Product Specification TS-42022-0001-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-42021-XX-001 (PDF) |
| Product Specification PS-42022-0001-001 (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 36643-0001 . Flammability Rating: 94V-0. Current – Maximum per contact 20A if used with 36663 and 36664 terminal |
| Overview | MLX Power Connectors |
| Product Name | MLX |
| UPC | 800753875043 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 1 |
| Circuits Detail | 1 |
| 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 | 0.807/g |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | N/A |
| Pitch - Termination Interface | N/A |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -55° to +105°C |

Electrical

| | |
|-------------------------------|--------------|
| Current - Maximum per Contact | 13.5A, 20.0A |
|-------------------------------|--------------|

Solder Process Data

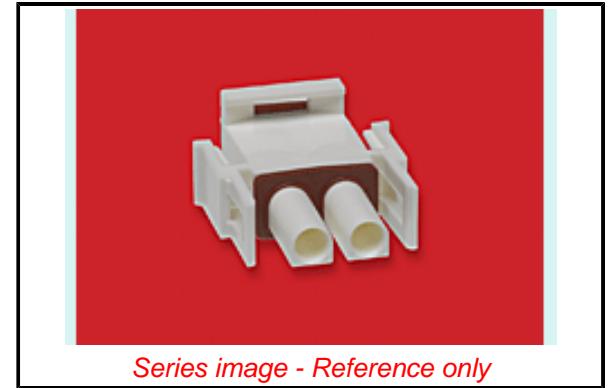
| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

| | |
|--------------------|-----------|
| Engineering Number | 42021-01C |
|--------------------|-----------|

Reference - Drawing Numbers

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



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 Relevant

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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