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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

Drawing (PDF)

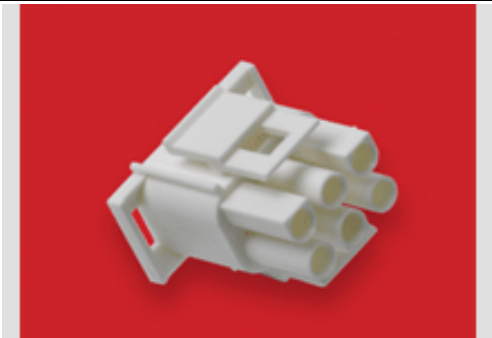
Product Specification PS-42022-0001-001 (PDF)

Product Specification TS-42022-0001-001 (PDF)

Packaging Specification PK-42021-XX-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 36643-0002. Current – Maximum per contact 20A if used with 36663 and 36664 terminal |
| Overview                      | MLX Power Connectors                                                                                                 |
| Product Name                  | MLX                                                                                                                  |
| UPC                           | 800753577503                                                                                                         |
| Physical                      |                                                                                                                      |
| Circuits (maximum)            | 2                                                                                                                    |
| Circuits Detail               | 2                                                                                                                    |
| Color - Resin                 | Natural                                                                                                              |
| Flammability                  | 94V-2                                                                                                                |
| Gender                        | Plug                                                                                                                 |
| Glow-Wire Capable             | 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-XX-001                                                                                                      |
| Product Specification         | PS-42022-0001-001, TS-42022-0001-001                                                                                 |
| Sales Drawing                 | SD-42021-**                                                                                                          |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2018 (15 January 2018)

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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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