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Part Number:

0366430005

Status:

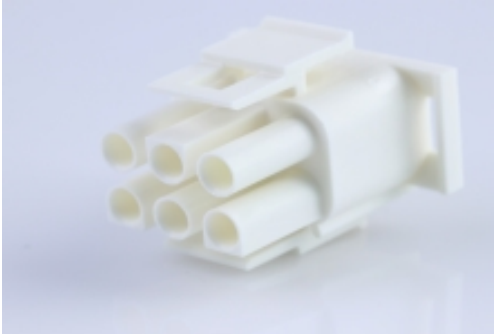
Active

Overview:

MLX Power Connectors

Description:

2.13mm Diameter MLX Plug Housing, 6 Circuits, PA Polyamide Nylon 6/6 94V-2, Glow-Wire Capable



Series image - Reference only

Documents:

[Drawing \(PDF\)](#)

[3D Model](#)

[3D Model \(PDF\)](#)

[Product Specification PS-36644-001-001 \(PDF\)](#)

[Packaging Specification PK-42021-XX-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agency Certification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CSA                  | LR19980                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| UL                   | E29179                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| General              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Family       | Crimp Housings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Series               | 36643                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application          | Power, Wire-to-Wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Comments             | This Molex product is manufactured from material that has the following ratings, tested by independent agencies :. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire.<P><P>The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s).<P>If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. |
| Overview             | MLX Power Connectors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Name         | MLX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UPC                  | 800756934198                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

|                               |         |
|-------------------------------|---------|
| Physical                      |         |
| Circuits (maximum)            | 6       |
| Color - Resin                 | Natural |
| Flammability                  | 94V-2   |
| Gender                        | Plug    |
| Glow-Wire Capable             | Yes     |
| Keying to Mating Part         | None    |
| Lock to Mating Part           | Yes     |
| Material - Resin              | Nylon   |
| Net Weight                    | 4.470/g |
| Number of Rows                | 2       |
| Packaging Type                | Bag     |
| Panel Mount                   | No      |
| Pitch - Mating Interface      | 6.35mm  |
| Pitch - Termination Interface | 6.35mm  |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

36643 Series

Mates With

2.13mm Diameter MLX Pin and Socket Receptacle [42022](#) , [36644](#)

Use With

MLX Crimp Terminal [42023](#) , [42024](#)

|                                    |                                 |
|------------------------------------|---------------------------------|
| Polarized to Mating Part           | Yes                             |
| Stackable                          | No                              |
| Temperature Range - Operating      | -55° to +105°C                  |
| <b>Electrical</b>                  |                                 |
| Current - Maximum per Contact      | 20.0A                           |
| <b>Material Info</b>               |                                 |
| <b>Reference - Drawing Numbers</b> |                                 |
| Packaging Specification            | PK-42021-XX-001                 |
| Product Specification              | PS-36644-001-001                |
| Sales Drawing                      | 420210000-000, SD-36643-009-001 |

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