**Part Number:** 0366440005

**Status:** **Active**

**Overview:** MLX Power Connectors

**Description:** 2.13mm Diameter MLX Pin and Socket Receptacle, 6 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow-Wire Capable

**Documents:**

Drawing (PDF)

3D Model (PDF)

3D Model

Product Specification PS-36644-001-001 (PDF)

Packaging Specification PK-42022-XX-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

*Series image - Reference only*

**Agency Certification**

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

**General**

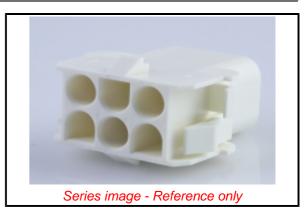| | |
|---|---|
| Product Family | Crimp Housings |
| Series | 36644 |
| Application | Power, Wire-to-Wire |
| Comments | This Molex product is manufactured from material that has the following ratings, tested by independent agencies :. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C 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 | 800756935195 |

**Physical**

| | |
|---|---|
| Circuits (maximum) | 6 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Receptacle |
| Glow-Wire Capable | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 5.470/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(2021)4569-DC (8 July 2021)

**Halogen-Free Status**
**Not Low-Halogen**
For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
36644 Series

**Mates With**
2.13mm Diameter MLX Plug Housing 42021 , 36643

**Use With**
MLX Crimp Terminal 42023 , 42024

| Polarized to Mating Part | Yes |
|---|---|
| Stackable | No |
| Temperature Range - Operating | -55° to +105°C |

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

| Packaging Specification | PK-42022-XX-001 |
|---|---|
| Product Specification | PS-36644-001-001 |
| Sales Drawing | SD-36644-009-001, SD-42022-XX-001 |

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