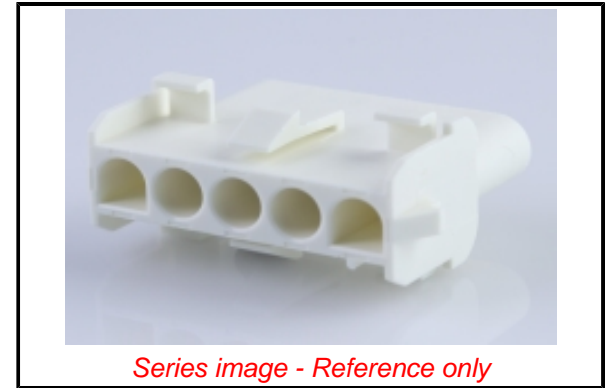


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Part Number: [0366440010](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: 2.13mm Diameter MLX Pin and Socket Receptacle, 5 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow-Wire Capable

Documents:

| | |
|--|---|
| 3D Model (PDF) | Packaging Specification PK-42022-XX-001 (PDF) |
| Drawing (PDF) | Datasheet (PDF) |
| 3D Model | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-36644-001-001 (PDF) | |



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 | 887191072661 |

Physical

| | |
|-------------------------------|------------|
| Circuits (maximum) | 5 |
| 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 | 5.500/g |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 6.35mm |
| Pitch - Termination Interface | 6.35mm |

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 |

This document was generated on 08/26/2021

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