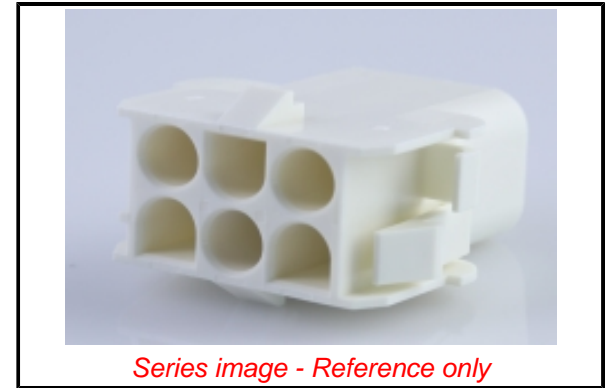


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Part Number: [0366440005](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: 2.13mm Diameter MLX Pin and Socket Receptacle, 6 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow-Wire Capable

Documents:

| | |
|--|---|
| Drawing (PDF) | Packaging Specification PK-42022-XX-001 (PDF) |
| 3D Model (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. 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). 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 |
| Taxonomy | Connector Housings |
| 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 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

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](#)

| | |
|-------------------------------|----------------|
| Pitch - Termination Interface | 6.35mm |
| 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 | 420220000-000, SD-36644-009-001, SD-42022-XX-001 |

This document was generated on 03/23/2023

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