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Part Number: [0366440002](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: 2.13mm Diameter MLX Pin and Socket Receptacle, 2 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow-Wire Capable

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

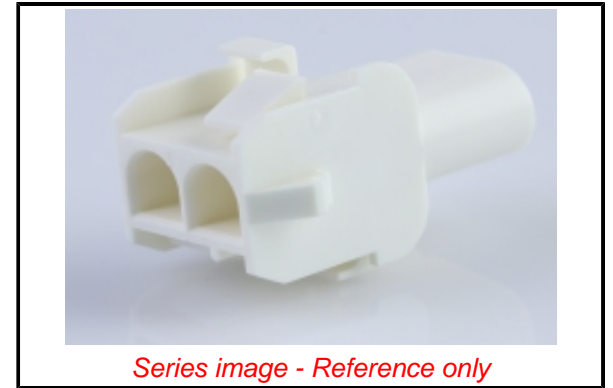
General

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	800756935157

Physical

Circuits (maximum)	2
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	2.530/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	6.35mm
Pitch - Termination Interface	6.35mm



Series image - Reference only

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
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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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