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**Part Number:** [0366430003](#)

**Status:** **Active**

**Overview:** MLX Power Connectors

**Description:** 2.13mm Diameter MLX Plug Housing, 3 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow-Wire Capable

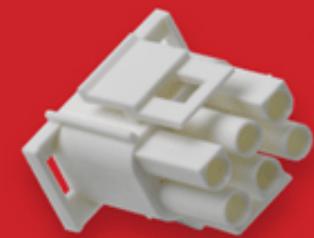
**Documents:**

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

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

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

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



*Series image - Reference only*

**Agency Certification**

CSA  
UL

LR19980  
E29179

**General**

Product Family  
Series  
Application  
Comments

Crimp Housings

36643

Power, Wire-to-Wire

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., 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.

[MLX Power Connectors](#)

MLX

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

**China RoHS**

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](#)

UPC

800756934174

**Physical**

Circuits (maximum)	3
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	2.870/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	6.35mm
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
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-42021-XX-001
Product Specification	PS-36644-001-001
Sales Drawing	SD-36643-009

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