

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0366430005](#)  
**Status:** **Active**  
**Overview:** [MLX Power Connectors](#)  
**Description:** 2.13mm Diameter MLX Plug Housing, 6 Circuits, PA Polyamide Nylon 6/6 94V-2, Glow Wire Capable

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-36644-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-42021-XX-001 (PDF)</a>
<a href="#">Product Specification PS-36644-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

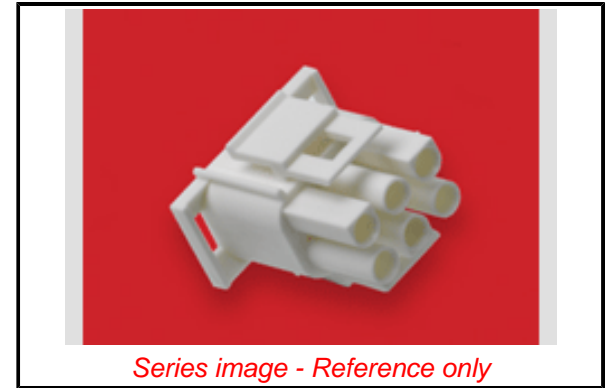
CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">36643</a>
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. <a href="#">MLX Power Connectors</a>
Overview	<a href="#">MLX Power Connectors</a>
Product Name	MLX
UPC	800756934198

**Physical**

Circuits (maximum)	6
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	4.470/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	6.35mm
Pitch - Termination Interface	6.35mm
Polarized to Mating Part	Yes



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

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](#)

Stackable No  
Temperature Range - Operating -55°C to +105°C

**Electrical**

Current - Maximum per Contact 20.0A

**Material Info**

**Reference - Drawing Numbers**

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

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