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**Part Number:** 36644-0001

Status: **Active** 

MLX™ Power Connectors **Overview:** 

2.13mm Diameter MLX™ Pin and Socket Receptacle, 1 Circuit, PA Polyamide Nylon **Description:** 

6/6 94V-2, Glow Wire Compatible

**Documents:** 3D Model

RoHS Certificate of Compliance (PDF)

**Drawing (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.

MLX™ Power Connectors Overview

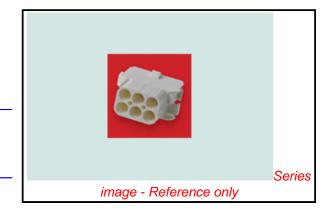
**Product Name**  $MLX^{TM}$ 

**UPC** 800756935140

**Physical** 

Circuits (maximum) 1 Circuits Detail

Color - Resin Natural Flammability 94V-2 Gender Female Glow-Wire Compliant Yes Keying to Mating Part None Lock to Mating Part Yes Material - Resin Nylon Net Weight 0.870/gNumber of Rows 1 Packaging Type Bag Panel Mount No Pitch - Mating Interface N/A Pitch - Termination Interface N/A



**EU RoHS ELV and RoHS** Compliant **REACH SVHC Contains SVHC: No Low-Halogen Status Not Reviewed** 

# **China RoHS**

### Need more information on product environmental compliance?

Email productcompliance@molex.com For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series 36644Series

**Mates With** 

42021 MLX™ Power Crimp Housing Plug

**Use With** 

MLX™ Crimp Terminal 42023, 42024

Polarized to Mating Part Yes Stackable No

Temperature Range - Operating -55°C to +105°C

**Electrical** 

Current - Maximum per Contact 20A

**Material Info** 

**Reference - Drawing Numbers** 

Sales Drawing SD-36644-009

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