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Part Number: [36643-0006](#)
Status: **Active**
Overview: MLX™ Power Connectors
Description: 2.13mm Diameter MLX™ Plug Housing, 9 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow Wire Compatible

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

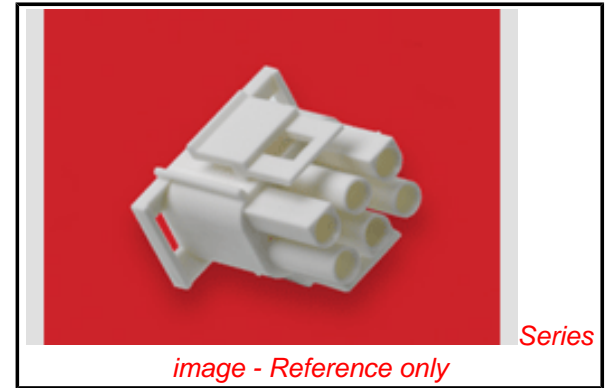
CSA LR19980
 UL E29179

General

Product Family Crimp Housings
 Series [36643](#)
 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 MLX™
 Product Name MLX™
 UPC 800756934204

Physical

Circuits (maximum) 6
 Circuits Detail 6
 Color - Resin Natural
 Flammability 94V-2
 Gender Plug
 Glow-Wire Compliant Yes
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Resin Nylon
 Net Weight 5.948/g
 Number of Rows 3
 Packaging Type Bag
 Panel Mount No
 Pitch - Mating Interface 6.35mm
 Polarized to Mating Part Yes



EU RoHS

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

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

[36643Series](#)

Mates With

[42022 Diameter MLX™ Pin and Socket Receptacle](#)

Use With

MLX Crimp Terminal [42023](#) , [42024](#)

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

Electrical

| | |
|-------------------------------|-----|
| Current - Maximum per Contact | 20A |
|-------------------------------|-----|

Material Info

Reference - Drawing Numbers

| | |
|---------------|--------------|
| Sales Drawing | SD-36643-009 |
|---------------|--------------|

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