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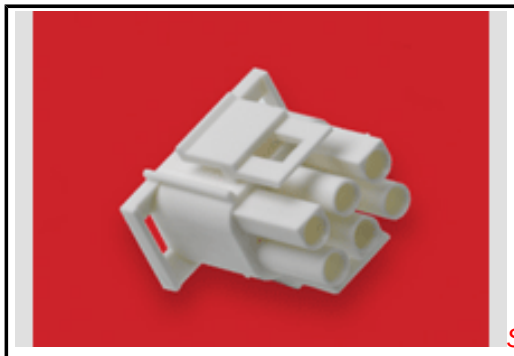
Part Number: 36643-0001
Status: Active
Overview: MLX™ Power Connectors
Description: 2.13mm Diameter MLX™ Plug Housing, 1 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow Wire Compatible

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)



Series

image - Reference only

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.
Overview	MLX™ Power Connectors
Product Name	MLX™
UPC	800756932996

Physical

Circuits (maximum)	1
Circuits Detail	1
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	1.070/g
Number 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
36643Series

Mates With
42022 Diameter MLX™ Pin and Socket Receptacle

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-36643-009

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