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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:

- [Drawing \(PDF\)](#)

[3D Model](#)

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

[Product Specification PS-36644-001-001 \(PDF\)](#)
- [Packaging Specification PK-42021-XX-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

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.

Overview

MLX Power Connectors

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

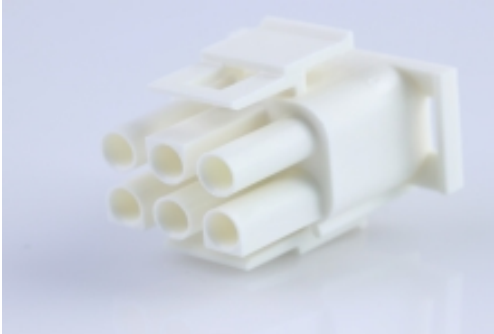
No

Pitch - Mating Interface

6.35mm

Pitch - Termination Interface

6.35mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

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

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](#)

Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-55° to +105°C
Electrical	
Current - Maximum per Contact	20.0A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-42021-XX-001
Product Specification	PS-36644-001-001
Sales Drawing	SD-36643-009-001

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Authorized Distributor

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Molex:

36643-0005