

This document was generated on 01/03/2022

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Part Number: 0367570063

Status: Active

Overview: MLX Power Connectors

**Description:** 6.35mm Pitch MLX Power Connector Header, Socket Terminals, 2.13mm Contact

Diameter, Vertical, with Plastic Polarizing Peg, 4 Circuits, Lead-Free, White, Glow-Wire

Capable

**Documents:** 

3D Model Packaging Specification PK-43255-001-001 (PDF)
3D Model (PDF) Packaging Specification PK-43255-003-001 (PDF)

<u>Drawing (PDF)</u> <u>Datasheet (PDF)</u>

Product Specification PSX-42002-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

**Agency Certification** 

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>36757</u>

Application Board-to-Board, Power, Wire-to-Board

Comments """""High Vibration Application<P><P>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

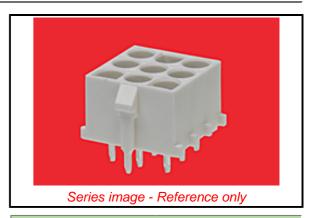
UPC 884982473195

**Physical** 

Breakaway No Circuits (Loaded) 4 Circuits (maximum) Color - Resin White Durability (mating cycles max) 50 First Mate / Last Break No Flammability 94V-2 Glow-Wire Capable Yes Keying to Mating Part Yes Lock to Mating Part Yes

Material - Metal Phosphor Bronze

Material - Plating Mating Tin



### **EU ELV**

**Not Relevant** 

EU RoHS China 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

36757 Series

## **Mates With**

42021 MLX Power Crimp Housing Plug, 42023 MLX Crimp Terminal, 42024 MLX Crimp Terminal

Material - Plating Termination Tin Material - Resin Polyester Net Weight 2.583/g Number of Rows Orientation Vertical PC Tail Length 4.30mm **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 6.35mm Pitch - Termination Interface 6.35mm Polarized to Mating Part Yes Polarized to PCB Yes Shrouded Fully Stackable No Surface Mount Compatible (SMC) No

Temperature Range - Operating -55° to +105°C
Termination Interface: Style Through Hole

**Electrical** 

Current - Maximum per Contact 12.0A, 20.0A

Voltage - Maximum 600V

**Material Info** 

**Reference - Drawing Numbers** 

Packaging Specification PK-43255-001-001, PK-43255-003-001

Product Specification PSX-42002-0001-001 Sales Drawing SD-36757-0001-001

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