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**Part Number:** 0367570022

Status: **Active** 

**MLX Power Connectors** Overview:

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

Diameter, Vertical, with Plastic Polarizing Peg, 3 Circuits, Lead-Free, White, Glow Wire

Capable

**Documents:** 

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

Product Specification PSX-42002-0001-001 (PDF) RoHS Certificate of Compliance (PDF)

**Agency Certification** 

**CSA** LR19980 UL E29179

General

**PCB Headers Product Family** 

Series 36757

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.""""""

**MLX Power Connectors** Overview

**Product Name** MLX

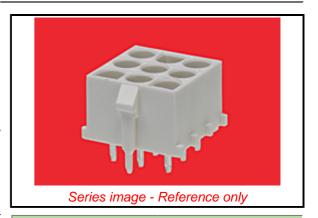
**UPC** 884982473126

**Physical** 

Breakaway No Circuits (Loaded) 3 Circuits (maximum) 3 White Color - Resin 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 Material - Plating Termination Tin



**EU ELV** 

**Not Reviewed** 

**EU RoHS** 

**Not Reviewed REACH SVHC** 

Not Reviewed

**Halogen-Free** 

**Status Not Reviewed** 

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u> Please visit the Contact Us section for any non-product compliance questions.

China ROHS

**ELV** 

Not Reviewed

**China RoHS** 

**RoHS Phthalates** 

Not Reviewed Not Reviewed

**Search Parts in this Series** 

36757 Series

**Mates With** 

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

Crimp Terminal

Material - Resin Polyester 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°C 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

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