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Part Number: 0367570023

Status: **Active**

MLX™ Power Connectors **Overview:**

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

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

Compliant

Documents:

3D Model Product Specification PSX-42002-0001 (PDF)

RoHS Certificate of Compliance (PDF) Drawing (PDF)

Agency Certification

LR19980 **CSA** 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

 MLX^{TM} **Product Name**

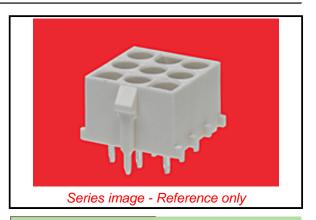
UPC 884982497573

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 Compliant** Yes Keving to Mating Part Yes

Lock to Mating Part Yes Material - Metal Phosphor Bronze

Material - Plating Mating Tin Material - Plating Termination Tin Material - Resin Polyester



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17 December 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

Green Image

ELV

Not Relevant

China RoHS

Search Parts in this Series

36757 Series

Mates With

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

Net Weight 2.491/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°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

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

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