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Part Number: 0367590104

Status: **Active**

Overview: **MLX Power Connectors**

Description: 6.35mm Pitch MLX Power Connector Header with Pin Terminal, Vertical, 6 Circuits,

Nylon 6/6 94V-2, Tin (Sn) Plating, Black, Lead-Free

Documents:

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

3D Model (PDF) Datasheet (PDF)

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

Agency Certification

E29179

General

Product Family PCB Headers

Series 42002

Application Power, Wire-to-Board 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.""""""

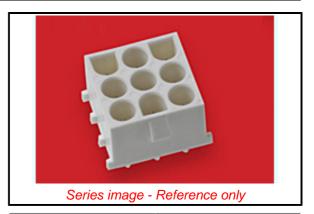
MLX Power Connectors Overview

Product Name MLX

UPC 884982508989

Physical

Breakaway No Circuits (Loaded) 6 Circuits (maximum) 6 Color - Resin Black Durability (mating cycles max) 50 First Mate / Last Break No Flammability 94V-2 Glow-Wire Capable No Guide to Mating Part Yes Keving to Mating Part Yes Lock to Mating Part Yes Material - Plating Mating Tin Material - Resin Nylon Number of Rows 2 Orientation Vertical



EU ELV

Not Reviewed

EU RoHS China RoHS

Not Reviewed REACH SVHC Not Reviewed **Halogen-Free**

Status

Not Reviewed

For more information, please visit Contact US

China ROHS Not Reviewed **ELV** Not Reviewed **RoHS Phthalates** Not Reviewed

Search Parts in this Series

42002 Series

Mates With 42021 Plug

PC Tail Length 4.27mm **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Bag Pitch - Mating Interface 6.35mm Polarized to PCB Yes Shrouded Fully Surface Mount Compatible (SMC) No

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

Electrical

Current - Maximum per Contact 13.5A, 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 SDA-42002-XXXXX

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