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Part Number: 0367590106

Status: Active

Overview: MLX Power Connectors

**Description:** 6.35mm Pitch MLX Power Connector Header with Pin Terminal, Vertical, 12 Circuits,

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

#### **Documents:**

<u>3D Model</u> <u>Packaging Specification PK-43255-001-001 (PDF)</u> 3D Model (PDF) Packaging Specification PK-43255-003-001 (PDF)

Drawing (PDF)

Datasheet (PDF)

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

RoHS Certificate of Compliance (PDF)

## **Agency Certification**

UL E29179

#### General

Product Family PCB Headers
Series 42002

Application Power, Wire-to-Board

Comments Power, Wire-to-Boar

""""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.""""""

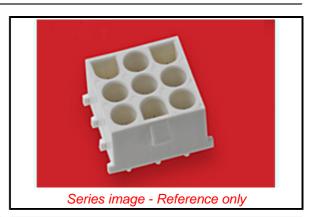
Overview MLX Power Connectors

Product Name MLX

UPC 884982509320

# **Physical**

Breakaway No Circuits (Loaded) 12 Circuits (maximum) 12 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 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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