

This document was generated on 01/04/2022

## PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0367570061

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, 2 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 <u>MLX Power Connectors</u>

Product Name MLX

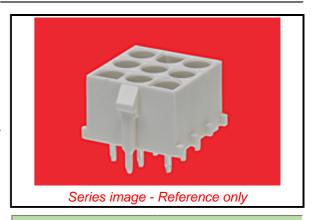
UPC 884982497542

**Physical** 

Breakaway No 2 Circuits (Loaded) Circuits (maximum) 2 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 Polyester Material - Resin Net Weight 2.248/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

This document was generated on 01/04/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

# **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Pin & Socket Connectors category:

Click to view products by Molex manufacturer:

Other Similar products are found below:

6450822-1 770392-1 794042-1 796885-1 8-794535-1 PLR3455ACS-222 R929991004 R929993003 1403611-1 1-480349-5 152302-5 153211-2 1586092-1 1586129-1 1586681-4 1586700-1 1586368-1 1586380-1 1586616-1 1586680-5 16-06-0038 164164-5 1-6609930-1 172296-1 19-09-2035 200503-1 200788-2 2029090-4 2029095-4 925061-7 293734-4 293737-2 1-765362-4 1871534-1 200833-4 2008625-2 2029027-2 2029096-4 R929991000 R929991002 R929993000 319-10-101-00-005000 319-10-102-00-001000 319-10-102-00-005000 001000 319-10-105-00-001000 319-10-108-00-001000 319-10-112-00-006000 39-01-8019 319-10-101-00-001000 319-10-102-00-005000