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Part Number: 36757-0061

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

Compliant

Documents:

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

<u>Drawing (PDF)</u>
<u>RoHS Certificate of Compliance (PDF)</u>

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>43255</u>

Application Board-to-Board, Power, Wire-to-Board Comments "High Vibration Application<P><P>This

"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 MLX[™] Power Connectors

Product Name MLXTM

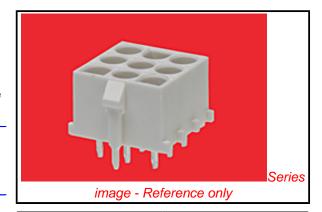
UPC 884982497542

Physical

Breakaway No Circuits (Loaded) 2 Circuits (maximum) 2 Color - Resin White Durability (mating cycles max) 50 First Mate / Last Break No Flammability 94V-2 **Glow-Wire Compliant** Yes Keying to Mating Part Yes Lock to Mating Part Yes

Material - Metal Phosphor Bronze

Material - Plating Mating Tin Material - Plating Termination Tin



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed



Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series 43255Series

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 12A, 20A Voltage - Maximum 600V

Material Info

Reference - Drawing Numbers

Product Specification PSX-42002-0001
Sales Drawing SDA-43255-00**

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