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Part Number: 0367570143

Status: Active

Overview: MLX Power Connectors

Description: 6.35mm Pitch MLX Power Connector Header with Socket Terminal, Vertical, 4 Circuits,

Nylon 6/6 94V-2, Tin (Sn) Plating, Natural, Lead-Free, Glow-Wire Capable with CTI of

325V

Documents:

<u>3D Model</u> <u>Packaging Specification PK-43255-001-001 (PDF)</u>
<u>Drawing (PDF)</u> <u>Packaging Specification PK-43255-003-001 (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 Power, Wire-to-Board Comments """"""Glow Wire comp

"""""Glow Wire compatible with CTI of

325V<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 enduse 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.""""""

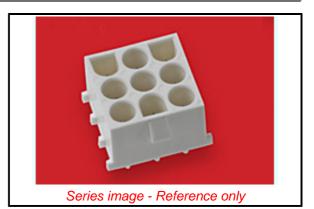
Overview <u>MLX Power Connectors</u>

Product Name MLX

UPC 884982521896

Physical

Breakaway No Circuits (Loaded) 4 Circuits (maximum) 4 Color - Resin Natural Durability (mating cycles max) 50 First Mate / Last Break No Flammability 94V-2 Glow-Wire Capable Yes Guide to Mating Part Yes Keying to Mating Part Yes Lock to Mating Part Yes Material - Plating Mating Tin



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

36757 Series

Mates With 42021 Plug

Material - Resin Nylon Number of Rows Orientation Vertical PC Tail Length 4.27mm **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Bag Pitch - Mating Interface Polarized to PCB 6.35mm 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 SD-36757-0002

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