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Part Number: 0432550161

Status: Active

Overview: MLX Power Connectors

Description: 6.35mm Pitch MLX Power Connector Header, 2.13mm Contact Diameter, Vertical, with

Plastic Polarizing Peg, 15 Circuits, Polyester 94V-0, Tin Plating, Natural (Translucent),

Lead-Free

Documents:

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

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

"""""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

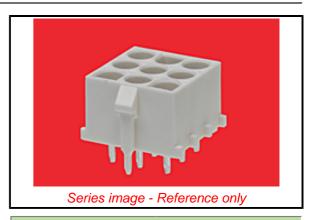
Overview MLX Power Connectors

Product Name MLX

UPC 800753948952

Physical

Breakaway No Circuits (Loaded) 15 Circuits (maximum) 15 Color - Resin Natural Durability (mating cycles max) 50 First Mate / Last Break No Flammability 94V-2 Glow-Wire Capable Nο Keying to Mating Part Yes Lock to Mating Part Yes Mated Height 30.35mm Material - Metal Phosphor Bronze



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8

July 2021)

Halogen-Free

Status

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

43255 Series

Mates With

<u>42021</u> MLX Power Crimp Housing Plug, <u>42024</u> MLX Crimp Terminal

Material - Plating Mating Tin Material - Plating Termination Tin Material - Resin Nylon Net Weight 7.905/g Number of Rows Orientation Vertical PC Tail Length 4.30mm **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.57mm 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 20.0A, 9.0A Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Packaging Specification PK-43255-001-001, PK-43255-003-001

Product Specification PSX-42002-0001-001 Sales Drawing SDA-43255-00XX-001

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