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Part Number: 0432550003

Status: **Active**

Overview: **MLX Power Connectors**

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

Plastic Polarizing Peg, 2 Circuits, Lead-Free, White

Documents:

3D Model Packaging Specification PK-43255-001-001 (PDF) Packaging Specification PK-43255-003-001 (PDF) Drawing (PDF)

3D Model (PDF) Datasheet (PDF)

RoHS Certificate of Compliance (PDF) Product Specification PSX-42002-0001-001 (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series 43255

Application Board-to-Board, Power, Wire-to-Board

Comments High Vibration Application **MLX Power Connectors** Overview

Product Name MLX

UPC 800753183667

Physical

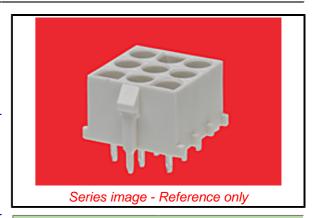
Breakaway No Circuits (Loaded) 2 Circuits (maximum) 2 Color - Resin White Durability (mating cycles max) 50 First Mate / Last Break No Flammability 94V-0 Glow-Wire Capable No Keying to Mating Part Yes Lock to Mating Part Yes

Material - Metal **Phosphor Bronze**

Material - Plating Mating Tin Material - Plating Termination Tin Material - Resin Polyester Net Weight 1.568/a 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



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 Not Relevant ELV RoHS Phthalates Not Contained

Search Parts in this Series

43255 Series

Mates With

42021 MLX Power Crimp Housing Plug, 42023 MLX Crimp Terminal, 42024 MLX

Crimp Terminal

Electrical

Current - Maximum per Contact 12.0A, 20.0A

Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Process Temperature max. C

010

WAVE

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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