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Part Number: 0010845030

Status: Active

Overview: MLX Power Connectors

Description: 6.35mm Pitch MLX Power Connector Header, Vertical, 3 Circuits, Polyester 94V-0, Tin

(Sn) Plating, White

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>

3D Model (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 <u>42002</u>

Application Power, Wire-to-Board

Comments Solder Type

Overview <u>MLX Power Connectors</u>

Product Name MLX

UPC 800753868977

Physical

Breakaway No Circuits (Loaded) 3 Circuits (maximum) 3 Color - Resin Natural Durability (mating cycles max) 50 First Mate / Last Break No Flammability 94V-0 Glow-Wire Capable No Guide to Mating Part Yes Keying to Mating Part Yes Lock to Mating Part Yes

Material - Metal Phosphor Bronze

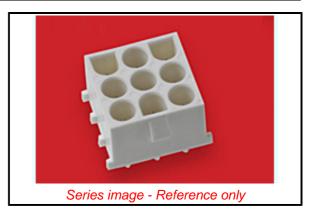
Material - Plating Mating Tin Material - Resin Polyester Net Weight 2.144/g Number of Rows Orientation Vertical PC Tail Length 4.27mm **PCB** Retention Yes PCB Thickness - Recommended 1.57mm Packaging Type Bag Pitch - Mating Interface 6.35mm Pitch - Termination Interface 6.35mm Polarized to PCB Yes Shrouded Fully

Temperature Range - Operating -55° to +105°C
Termination Interface: Style Through Hole

Electrical

Surface Mount Compatible (SMC)

Current - Maximum per Contact 13.5A, 20.0A



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC
Not Contained Per -

ECHA_01_2020 (16 January 2020

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

42002 Series

Mates With 42021 Plug

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Process Temperature max. C

010

WAVE

260

Material Info

Engineering Number 42002-03C1A1

Reference - Drawing Numbers

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

Product Specification PSX-42002-0001-001 Sales Drawing SDA-42002-XXXXX

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