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Part Number:

0010845151

Status:

Active

Overview:

MLX Power Connectors

Description:

6.35mm Pitch MLX Power Connector, 2.13mm Contact Diameter, Vertical, PCT Polyester, Tin (Sn), White, 15 Circuits

Documents:

3D Model

Packaging Specification PK-43255-001-001 (PDF)

Drawing (PDF)

Packaging Specification PK-43255-003-001 (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

42002

Application

Power, Wire-to-Board

Comments

High Vibration Application

Overview

MLX Power Connectors

Product Name

MLX

UPC

800753869172

Physical

Breakaway

No

Circuits (Loaded)

15

Circuits (maximum)

15

Color - Resin

Natural

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

Yes

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

9.180/g

Number of Rows

3

Orientation

Vertical

PC Tail Length

4.30mm

PCB Retention

None

PCB Thickness - Recommended

1.00mm

Packaging Type

Carton

Pitch - Mating Interface

6.35mm

Polarized to PCB

No

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

Solder Process Data

Duration at Max. Process Temperature (seconds)

010

Lead-freeProcess Capability

WAVE

Process Temperature max. C

260



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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 , 42023

Material Info

Engineering Number 42002-15C2A1

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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