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Part Number:

0010845091

Status:

Active

Overview:

MLX Power Connectors

Description:

6.35mm Pitch MLX Power Connector, 2.13mm Contact Diameter, Vertical, PCT Polyester, Tin (Sn), White, 9 Circuits

Documents:

- 3D Model

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

Packaging Specification PK-43255-003-001 (PDF)
- 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

42002

Application

Power, Wire-to-Board

Comments

High Vibration Application

Overview

MLX Power Connectors

Product Name

MLX

UPC

800753869097

Physical

Breakaway

No

Circuits (Loaded)

9

Circuits (maximum)

9

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

5.636/g

Number of Rows

3

Orientation

Vertical

PC Tail Length

4.30mm

PCB Retention

None

PCB Thickness - Recommended

0.90mm

Packaging Type

Carton

Pitch - Mating Interface

6.35mm

Polarized to PCB

Yes

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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 , 42023

Process Temperature max. C	260
Material Info	
Engineering Number	42002-09C2A1
Reference - Drawing Numbers	
Packaging Specification	PK-43255-001-001, PK-43255-003-001
Product Specification	PSX-42002-0001-001
Sales Drawing	SDA-42002-XXXXX

This document was generated on 04/20/2020

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