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Part Number:

10-84-5031

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX™ Power Connector, 2.13mm Contact Diameter, Vertical, PCT Polyester, Tin (Sn), White, 3 Circuits



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-42022-0001 \(PDF\)](#)
- [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

800754227841

Physical

Breakaway

No

Circuits (Loaded)

3

Circuits (maximum)

3

Color - Resin

Natural

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

Yes

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

2.213/g

Number of Rows

1

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°C to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

13.5A, 20A

Voltage - Maximum

600V

Solder Process Data

Duration at Max. Process Temperature (seconds)

10

Lead-free Process Capability

Wave Capable (TH only)

Process Temperature max. C

260

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

42002Series

Mates With

42021 , 42023

Material Info

Old Part Number 4200203C2A1

Reference - Drawing Numbers

Product Specification PS-42022-0001
Sales Drawing SDA-42002-*****

This document was generated on 10/15/2014

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