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Part Number:

10-84-4152

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX Power Connector, 2.13mm Contact Diameter, Vertical, PA Polyamide (Nylon) 6/6, Tin (Sn), White, 15 Circuits

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

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

42002

Power, Wire-to-Board

High Vibration Application

MLX™ Power Connectors

MLX™

800753610613

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Polarized to PCB

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

15

15

Natural

50

94V-2

No

Yes

Phosphor Bronze

Tin

Tin

Nylon

8.071/g

3

Vertical

4.30mm

None

0.90mm

Carton

6.35mm

Yes

No

-55°C to +105°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

13.5A, 20A

600V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability

Process Temperature max. C

10

Wave Capable (TH only)

260



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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 A-42002-15A2A1

**Reference - Drawing Numbers**

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

This document was generated on 11/05/2012

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