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Part Number:

10-84-4120

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX™ Power Connector Header, Vertical, 12 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, White

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

Solder Type

MLX™ Power Connectors

MLX™

800753619852

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Polarized to PCB

Shrouded

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

12

12

Natural

50

No

94V-2

No

Yes

Yes

Yes

Phosphor Bronze

Tin

Nylon

6.353/g

3

Vertical

4.27mm

Yes

1.57mm

Bag

6.35mm

Yes

Fully

No

-55°C to +105°C

Through Hole

Electrical

Current - Maximum per Contact

13.5A, 20.0A

Solder Process Data

Duration at Max. Process Temperature (seconds)

10



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
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 Plug

Lead-free Process Capability
Process Temperature max. C

Wave Capable (TH only)
260

Material Info

Old Part Number

A-42002-12A1A1

Reference - Drawing Numbers

Product Specification

PS-42022-0001

Sales Drawing

SDA-42002-*****

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