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Part Number:

10-84-4020

Status:

Active

Overview:

MLX™ Power Connectors

Description:

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

Documents:

3D Model

Drawing (PDF)

Product Specification PS-42022-0001 (PDF)

Product Specification PSX-42002-0001 (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

Solder Type

Overview

MLX™ Power Connectors

Product Name

MLX™

UPC

800753610668

Physical

Breakaway

No

Circuits (Loaded)

2

Circuits (maximum)

2

Color - Resin

Natural

Durability (mating cycles max)

50

First Mate / Last Break

No

Flammability

94V-2

Glow-Wire Compliant

No

Guide to Mating Part

Yes

Keying to Mating Part

Yes

Lock to Mating Part

Yes

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Resin

Nylon

Net Weight

1.333/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

4.27mm

PCB Retention

Yes

PCB Thickness - Recommended

1.57mm

Packaging Type

Bag

Pitch - Mating Interface

6.35mm

Polarized to PCB

Yes

Shrouded

Fully

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

Solder Process Data



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260

Material Info

Old Part Number	A-42002-2A1A1
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Reference - Drawing Numbers

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

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