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Part Number:

0010844040

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX Power Connector Header, Vertical, 4 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, White

Documents:

3D Model

Drawing (PDF)

Product Specification PSX-42002-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

42002

Power, Wire-to-Board

Solder Type

MLX™ Power Connectors

MLX

800753610774

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

4

4

Natural

50

No

94V-2

No

Yes

Yes

Yes

Phosphor Bronze

Tin

Nylon

2.472/g

1

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)

Lead-freeProcess Capability

010

WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

42002 Series

Mates With

42021 Plug

Process Temperature max. C	260
Material Info	
Engineering Number	A-42002-4A1A1
Reference - Drawing Numbers	
Product Specification	PSX-42002-0001-001
Sales Drawing	SDA-42002-*****

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