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Part Number:

0010845041

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX™ Power Connector, 2.13mm Contact Diameter, Vertical, PCT Polyester, Tin (Sn), White, 4 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PSX-42002-0001 (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™

800753869011

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

4

4

Natural

50

94V-0

No

Yes

Phosphor Bronze

Tin

Tin

Polyester

2.930/g

1

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, 20.0A

600V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Process Temperature max. C

010

WAVE

260



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not 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

Green Image

Not Relevant

Search Parts in this Series

42002 Series

Mates With

42021 , 42023

Material Info

Engineering Number 42002-04C2A1

Reference - Drawing Numbers

Product Specification PSX-42002-0001

Sales Drawing SDA-42002-*****

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