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Part Number:

43255-0121

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX™ Power Connector Header, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 3 Circuits, Polyester 94V-2, Tin Plating, Natural (Translucent), Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PSX-42002-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

43255

Board-to-Board, Power, Wire-to-Board

High Vibration Application

MLX™ Power Connectors

MLX™

800753944367

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Keying to Mating Part

Lock to Mating Part

Mated Height

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

No

3

3

Natural

50

No

94V-2

No

Yes

Yes

30.35mm

Phosphor Bronze

Tin

Tin

Nylon

2.016/g

1

Vertical

4.30mm

Yes

Yes

1.57mm

Tray

6.35mm

6.35mm

Yes

Yes

Fully

No

No

-55°C to +105°C



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
43255Series

Mates With
42021 MLX™ Power Crimp Housing Plug,
42023 MLX Crimp Terminal, 42024 MLX Crimp Terminal

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

12A, 20A

600V

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PSX-42002-0001

SDA-43255-00**

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