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Part Number:

0010845030

Status:

Active

Overview:

MLX Power Connectors

Description:

6.35mm Pitch MLX Power Connector Header, Vertical, 3 Circuits, Polyester 94V-0, Tin (Sn) Plating, White

Documents:

- Drawing (PDF)

Packaging Specification PK-43255-001-001 (PDF)
- 3D Model

Packaging Specification PK-43255-003-001 (PDF)
- 3D Model (PDF)

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

800753868977

Physical

Breakaway

No

Circuits (Loaded)

3

Circuits (maximum)

3

Color - Resin

Natural

Durability (mating cycles max)

50

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

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

Polyester

Net Weight

2.144/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

Pitch - Termination Interface

6.35mm

Polarized to PCB

Yes

Shrouded

Fully

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55° to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

13.5A, 20.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

42002 Series

Mates With

42021 Plug

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	WAVE
Process Temperature max. C	260

Material Info

Engineering Number	42002-03C1A1
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Reference - Drawing Numbers

Packaging Specification	PK-43255-001-001, PK-43255-003-001
Product Specification	PSX-42002-0001-001
Sales Drawing	SDA-42002-XXXXX-001

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