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Part Number:

10-84-5060

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX™ Power Connector Header, Vertical, 6 Circuits, Polyester 94V-0, Tin (Sn) Plating, White



Series

image - Reference only

Documents:

- 3D Model

Product Specification PS-42022-0001 (PDF)
- Drawing (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

800753869042

Physical

Breakaway

No

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Natural

Durability (mating cycles max)

50

First Mate / Last Break

No

Flammability

94V-0

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

Polyester

Net Weight

3.805/g

Number of Rows

3

Orientation

Vertical

PC Tail Length

4.27mm

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

6.35mm

Pitch - Termination Interface

6.35mm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Fully

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55°C to +105°C

Termination Interface: Style

Through Hole

Electrical

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

|                                                |                        |
|------------------------------------------------|------------------------|
| Current - Maximum per Contact                  | 13.5A, 20A             |
| Voltage - Maximum                              | 600V                   |
| <b>Solder Process Data</b>                     |                        |
| Duration at Max. Process Temperature (seconds) | 10                     |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Process Temperature max. C                     | 260                    |
| <b>Material Info</b>                           |                        |
| Old Part Number                                | 42002-06C1A1           |
| <b>Reference - Drawing Numbers</b>             |                        |
| Product Specification                          | PS-42022-0001          |
| Sales Drawing                                  | SDA-42002-*****        |

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