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Part Number:

10-84-4061

Status:

Active

Overview:

MLX™ Power Connectors

Description:

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

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

42002

Power, Wire-to-Board

Solder Type

MLX™ Power Connectors

MLX™

800753619807

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

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

6

6

Red

50

No

No

Yes

Yes

Yes

Phosphor Bronze

Tin

Polyester

3.865/g

3

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, 20A

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability

Process Temperature max. C

10

Wave Capable (TH only)

260

Material Info

Old Part Number

A-42002-6B1A1



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen



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

42002Series

Mates With

42021 Plug

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