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Part Number: [10-84-4030](#)
Status: **Active**
Overview: [MLX™ Power Connectors](#)
Description: 6.35mm Pitch MLX™ Power Connector Header, Vertical, 3 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, White

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 800753619548

Physical

Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Natural
Durability (mating cycles max) 50
First Mate / Last Break No
Flammability 94V-2
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 Nylon
Net Weight 1.891/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
Polarized to PCB Yes
Shrouded Fully
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 13.5A, 20A

Solder Process Data

Duration at Max. Process Temperature (seconds) 10



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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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](#)

Lead-free Process Capability
Process Temperature max. C

Wave Capable (TH only)
260

Material Info

Old Part Number

A-42002-3A1A1

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-42022-0001
SDA-42002-*****

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