

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0010844120

Status:

Active

Overview:

MLX Power Connectors

Description:

6.35mm Pitch MLX Power Connector Header, Vertical, 12 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, White



Series image - Reference only

Documents:

- 3D Model (PDF)

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

Packaging Specification PK-43255-003-001 (PDF)
- Drawing (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

800753619852

Physical

Breakaway

No

Circuits (Loaded)

12

Circuits (maximum)

12

Color - Resin

Natural

Durability (mating cycles max)

50

First Mate / Last Break

No

Flammability

94V-2

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

Nylon

Net Weight

6.353/g

Number of Rows

3

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° to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

13.5A, 20.0A

Solder Process Data

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

Halogen-Free

Status

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

Duration at Max. Process Temperature (seconds)010

Lead-freeProcess CapabilityWAVE

Process Temperature max. C260

Material Info

Engineering NumberA-42002-12A1A1

Reference - Drawing Numbers

Packaging SpecificationPK-43255-001-001, PK-43255-003-001

Product SpecificationPSX-42002-0001-001

Sales DrawingSDA-42002-XXXXX-001

This document was generated on 09/08/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

10-84-4120