

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0367590104

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX™ Power Connector Header with Pin Terminal, Vertical, 6 Circuits, Nylon 6/6 94V-2, Tin (Sn) Plating, Black, Lead-Free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PSX-42002-0001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



Series image - Reference only

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

[42002](#)

Power, Wire-to-Board

"This Molex product is manufactured from material that has the following ratings, tested by independent agencies: a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."

[MLX™ Power Connectors](#)

MLX™

884982508989

Overview

Product Name

UPC

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Plating Mating

Material - Resin

Number of Rows

Orientation

PC Tail Length

PCB Retention

No

6

6

Black

50

No

94V-2

No

Yes

Yes

Yes

Tin

Nylon

2

Vertical

4.27mm

Yes

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

China RoHS

China ROHS

Not Reviewed

ELV

Not Reviewed

Search Parts in this Series

[42002 Series](#)

Mates With

[42021 Plug](#)

PCB Thickness - Recommended	1.60mm
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, 20.0A
Voltage - Maximum	600V

Material Info**Reference - Drawing Numbers**

Product Specification	PSX-42002-0001
Sales Drawing	SDA-42002-*****

This document was generated on 05/12/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION