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Part Number: [36759-0146](#)

Status: **Active**

Overview: [MLX™ Power Connectors](#)

Description: 6.35mm Pitch MLX™ Power Connector Header with Socket Terminal, Vertical, 12 Circuits, Nylon 6/6 94V-2, Tin (Sn) Plating, Black, Lead-Free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-42022-0001 \(PDF\)](#)

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

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



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™

884982512610

[Overview](#)

[Product Name](#)

[UPC](#)

Physical

Breakaway

No

Circuits (Loaded)

12

Circuits (maximum)

12

Color - Resin

Black

Durability (mating cycles max)

50

First Mate / Last Break

No

Flammability

94V-2

Glow-Wire Compliant

Yes

Guide to Mating Part

Yes

Keying to Mating Part

Yes

Lock to Mating Part

Yes

Material - Plating Mating

Tin

Material - Resin

Nylon

Number of Rows

4

Orientation

Vertical

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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](#)

PC Tail Length	4.27mm
PCB Retention	Yes
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	PS-42022-0001, PSX-42002-0001
Sales Drawing	SDA-42002-*****

This document was generated on 04/24/2015

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