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Part Number:

[36757-0024](#)

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX™ Power Connector Header, Pin Terminals, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 6 Circuits, Lead-Free, White, Glow Wire Compliant

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

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

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



image - Reference only

Agency Certification

CSA
UL

General

Product Family
Series
Application
Comments

LR19980
E29179

PCB Headers
43255

Board-to-Board, Power, Wire-to-Board
"High Vibration Application<P><P>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™
884982501843

Overview
Product Name
UPC

Physical

Breakaway
Circuits (Loaded)
Circuits (maximum)
Color - Resin
Durability (mating cycles max)
First Mate / Last Break
Flammability
Glow-Wire Compliant
Keying to Mating Part
Lock to Mating Part
Material - Metal
Material - Plating Mating
Material - Plating Termination

No
6
6
White
50
No
94V-2
Yes
Yes
Yes
Phosphor Bronze
Tin
Tin

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

[43255Series](#)

Mates With

[42021](#) MLX™ Power Crimp Housing Plug,
[42023](#) MLX Crimp Terminal, [42024](#) MLX Crimp Terminal

Material - Resin	Polyester
Number of Rows	2
Orientation	Vertical
PC Tail Length	4.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	6.35mm
Pitch - Termination Interface	6.35mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	20.0A, 9.0A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Product Specification	PSX-42002-0001
Sales Drawing	SDA-43255-00**

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