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Part Number:

[0367570144](#)

Status:

Active

Overview:

[MLX Power Connectors](#)

Description:

6.35mm Pitch MLX Power Connector Header with Socket Terminal, Vertical, 6 Circuits, Nylon 6/6 94V-2, Tin (Sn) Plating, Natural, Lead-Free, Glow-Wire Capable with CTI of 325V

Documents:

[3D Model](#)

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

[Drawing \(PDF\)](#)

[Product Specification PSX-42002-0001-001 \(PDF\)](#)

[Packaging Specification PK-43255-001-001 \(PDF\)](#)

[Packaging Specification PK-43255-003-001 \(PDF\)](#)

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



Series image - Reference only

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

PCB Headers

[36757](#)

Power, Wire-to-Board

""""""Glow Wire compatible with CTI of 325V<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

884982218376

Overview

Product Name

UPC

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

No

6

6

Natural

50

No

94V-2

Yes

Yes

Yes

Yes

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ECHA_01_2020 (16 January 2020)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

36757 Series

Mates With

42021 Plug

Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	3.850/g
Number of Rows	2
Orientation	Vertical
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° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13.5A, 20.0A
Voltage - Maximum	600V

Solder Process Data

Lead-freeProcess Capability	WAVE
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43255-001-001, PK-43255-003-001
Product Specification	PSX-42002-0001-001
Sales Drawing	SD-36757-0002

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