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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



Series image - Reference only

Documents:

- 3D Model

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

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

RoHS Certificate of Compliance (PDF)
- Product Specification PSX-42002-0001-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

36757

Application

Power, Wire-to-Board

Comments

""""""""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. """"""""

Overview

MLX Power Connectors

Product Name

MLX

UPC

884982218376

Physical

Breakaway

No

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Natural

Durability (mating cycles max)

50

First Mate / Last Break

No

Flammability

94V-2

Glow-Wire Capable

Yes

Guide to Mating Part

Yes

Keying to Mating Part

Yes

Lock to Mating Part

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

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
<b>Electrical</b>	
Current - Maximum per Contact	13.5A, 20.0A
Voltage - Maximum	600V
<b>Solder Process Data</b>	
Lead-freeProcess Capability	WAVE
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
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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