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Part Number: **0367570025**

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, 9 Circuits, Lead-Free, White, Glow-Wire Capable

Series image - Reference only

Documents:
3D Model	Packaging Specification PK-43255-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-43255-003-001 (PDF)
Product Specification PSX-42002-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	PCB Headers
Series	36757
3D Viewer	Yes
Application	Board-to-Board, Power, Wire-to-Board
CURRENT-MAX-NUMERIC	20.0, 9.0
Comments	""""""""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.""""""", """"""""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

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Not Relevant
REACH SVHC
Not Relevant
Halogen-Free
Status
Not Relevant
For more information, please visit Contact US

China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Relevant

Search Parts in this Series
36757 Series

Mates With
42021 MLX Power Crimp Housing Plug, 42023 MLX Crimp Terminal, 42024 MLX Crimp Terminal

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Overview	<u>MLX Power Connectors</u>
PITCH-MATING-NUMERIC	6.35
Product Name	MLX
UPC	884982473256

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	White
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	3
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° 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

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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