Part Number : 365380012
Product Description : MLX Power Connector Header, 6.35mm Pitch, Vertical, with Compliant Polarizing Peg, Nylon 94V-2, Natural (Translucent), 4 Circuits
Series Number : 36538
Status : Active
Product Category : PCB Headers and Receptacles

Documents and Resources

Drawings

365380012_sd.pdf

PK-43255-001-001.pdf

PK-43255-003-001.pdf

Specifications

PSX-42002-0001-001.pdf

Product Environment Compliance

Compliance

China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

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- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	36538
Description	MLX Power Connector Header, 6.35mm Pitch, Vertical, with Compliant Polarizing Peg, Nylon 94V-2, Natural (Translucent), 4 Circuits
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	MLX
UPC	887191743400

Electrical

Current - Maximum per Contact	12.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits Detail	With Compliant Polarizing Peg
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural (Translucent)
Durability (mating cycles max)	50
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No

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Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	4.30mm
Pitch - Mating Interface	6.35mm
Pitch - Termination Interface	6.35mm
Plating min - Mating	3.556µm
Plating min - Termination	3.556µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.13mm Diameter MLX Power Crimp Housing Plugs	42021

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