

Part Number : 365380019

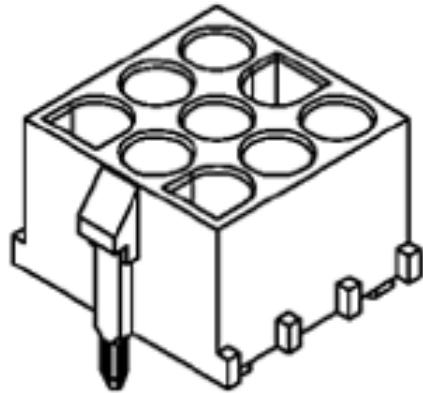
Product Description : 6.35mm Pitch MLX Power Connector Header, Vertical, with Compliant Polarizing Peg, 12 Circuits, Unreinforced Polyester 94V-0, White

Series Number : 36538

Status : Active

Product Category : PCB Headers and Receptacles

Engineering Number : 36538-0018



## Documents & Resources

### Drawings

Drawing 365380019\_sd.pdf

Packaging Design Drawing PK-43255-001-001.pdf

Packaging Design Drawing PK-43255-003-001.pdf

### 3D Models and Design Files

3D Model 365380019\_stp.zip

### Specifications

Product Specification PSX-42002-0001-001.pdf

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC

- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	36538
Description	6.35mm Pitch MLX Power Connector Header, Vertical, with Compliant Polarizing Peg, 12 Circuits, Unreinforced Polyester 94V-0, White
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Family	MLX Power Connectors
Product Name	MLX
UPC	756054629857

#### Electrical

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

#### Physical

Breakaway	No
Circuits Detail	With Compliant Polarizing Peg
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No

Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Lead
Material - Resin	Polyester
Net Weight	7.216/g
Number of Rows	4
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	4.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	6.35mm
Pitch - Termination Interface	6.35mm
Plating min - Mating	0.508µm
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

## Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Temp	260