**Part Number :** 365380017
**Product Description :** MLX Power Connector Header, 6.35mm Pitch, Vertical, with Compliant Polarizing Peg, Polyester 94V-0, Brick Red, 15 Circuits
**Series Number :** 36538
**Status :** Active
**Product Category :** PCB Headers and Receptacles




## Documents and Resources

### Drawings

365380017_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
- chemSHERPA (xml)

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Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## 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, Polyester 94V-0, Brick Red, 15 Circuits |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | MLX |
| UPC | 887191743950 |

### Electrical

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

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits Detail | With Compliant Polarizing Peg |
| Circuits (Loaded) | 15 |
| Circuits (maximum) | 15 |
| Color - Resin | Brick Red |
| Durability (mating cycles max) | 50 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |

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| | |
|---|---|
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Number of Rows | 3 |
| 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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