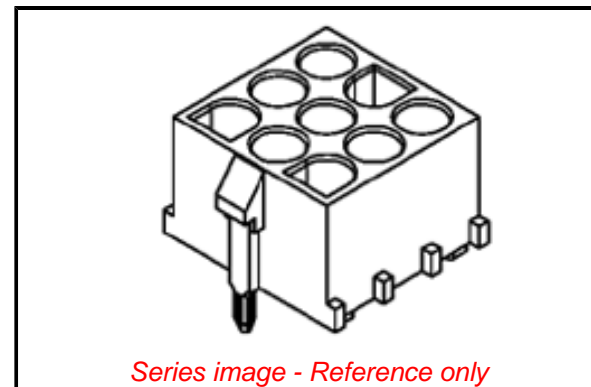


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0365380007](#)  
**Status:** **Active**  
**Overview:** [MLX Power Connectors](#)  
**Description:** 6.35mm Pitch MLX Power Connector Header, Vertical, with Compliant Polarizing Peg, 7 Circuits, Unreinforced Polyester 94V-0, White

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                       | <a href="#">Packaging Specification PK-43255-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Packaging Specification PK-43255-003-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                 | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">Product Specification PSX-42002-0001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |



**General**

|                |                                      |
|----------------|--------------------------------------|
| Product Family | PCB Headers                          |
| Series         | 36538                                |
| Application    | Power, Wire-to-Board                 |
| Overview       | <a href="#">MLX Power Connectors</a> |
| Product Name   | MLX                                  |
| Taxonomy       | PCB Headers and Receptacles          |
| UPC            | 756054324783                         |

**Physical**

|                                |                               |
|--------------------------------|-------------------------------|
| Breakaway                      | No                            |
| Circuits (Loaded)              | 7                             |
| Circuits (maximum)             | 7                             |
| Circuits Detail                | With Compliant Polarizing Peg |
| 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                     | 5.481/g                       |
| Number of Rows                 | 1                             |
| Orientation                    | Vertical                      |
| PC Tail Length                 | 4.30mm                        |
| PCB Locator                    | Yes                           |
| PCB Retention                  | Yes                           |
| PCB Thickness - Recommended    | 1.57mm                        |
| Packaging Type                 | Bag                           |
| 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                            |
| Surface Mount Compatible (SMC) | No                            |
| Temperature Range - Operating  | -55° to +105°C                |
| Termination Interface: Style   | Through Hole                  |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
|-------------------------------|------|

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[36538 Series](#)

Voltage - Maximum 600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010

Lead-free Process Capability WAVE

Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-43255-001-001, PK-43255-003-001

Product Specification PSX-42002-0001-001

Sales Drawing SD-36538-001-001

This document was generated on 09/04/2022

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