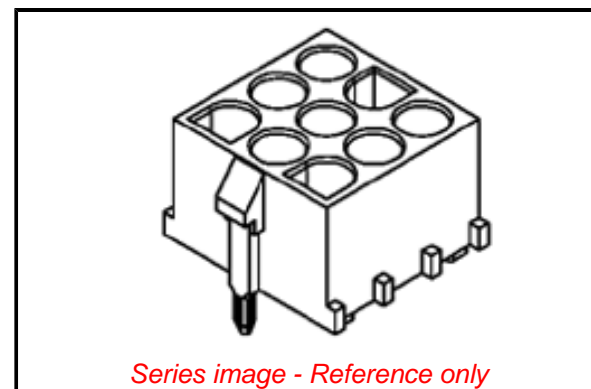


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**Part Number:** [0365380007](#)  
**Status:** **Active**  
**Overview:** [MLX Power Connectors](#)  
**Description:** 6.35mm Pitch MLX Power Connector Header, Vertical, with Compliant Polarizing Peg, 7 Circuits, Unreinforced Polyester 94V-0, White

**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
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
Voltage - Maximum	600V

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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](#)

**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

This document was generated on 07/17/2020

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