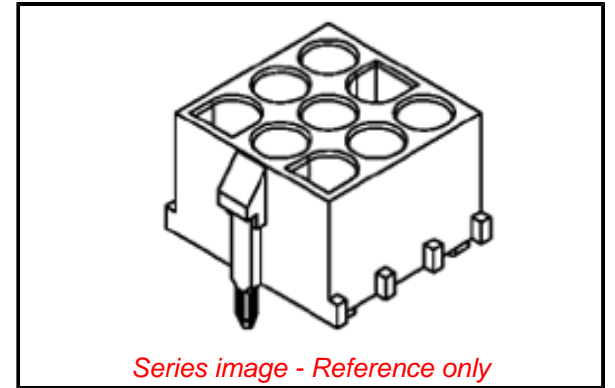


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Part Number: [0365380019](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: 6.35mm Pitch MLX Power Connector Header, Vertical, with Compliant Polarizing Peg, 12 Circuits, Unreinforced Polyester 94V-0, White

Documents:

3D Model	Packaging Specification PK-43255-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-43255-003-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PSX-42002-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	PCB Headers
Series	36538
Application	Power, Wire-to-Board
Overview	MLX Power Connectors
Product Name	MLX
Taxonomy	PCB Headers and Receptacles
UPC	756054629857

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	7.216/g
Number of Rows	4
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
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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

Engineering Number 36538-0018

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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