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Part Number: [0432550091](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: 6.35mm Pitch MLX Power Connector Header, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 9 Circuits, Polyester 94V-0, Tin (Sn) Plating, Natural

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [43255](#)
 3D Viewer Yes
 Application Board-to-Board, Power, Wire-to-Board
 CURRENT-MAX-NUMERIC 20.0, 9.0
 Comments High Vibration Application, High Vibration Application
 Overview [MLX Power Connectors](#)
 PITCH-MATING-NUMERIC 6.35
 Product Name MLX
 UPC 800754845106

Physical

Breakaway No
 Circuits (Loaded) 9
 Circuits (maximum) 9
 Color - Resin Natural
 Durability (mating cycles max) 50
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Capable No
 Keying to Mating Part Yes
 Lock to Mating Part Yes
 Mated Height 30.35mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 5.481/g
 Number of Rows 3
 Orientation Vertical
 PC Tail Length 4.30mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 6.35mm
 Pitch - Termination Interface 6.35mm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/71/2019 (16 July
 2019)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[43255](#) Series

Mates With

[42021](#) MLX Power Crimp Housing Plug,
[42023](#) MLX Crimp Terminal, [42024](#) MLX
 Crimp Terminal

Temperature Range - Operating -55° to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 20.0A, 9.0A
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

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