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Part Number: [0010845091](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: 6.35mm Pitch MLX Power Connector, 2.13mm Contact Diameter, Vertical, PCT Polyester, Tin (Sn), White, 9 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [42002](#)
 3D Viewer Yes
 Application Power, Wire-to-Board
 CURRENT-MAX-NUMERIC 13.5, 20.0
 Comments High Vibration Application, High Vibration Application
 Overview [MLX Power Connectors](#)
 PITCH-MATING-NUMERIC 6.35
 Product Name MLX
 UPC 800753869097

Physical

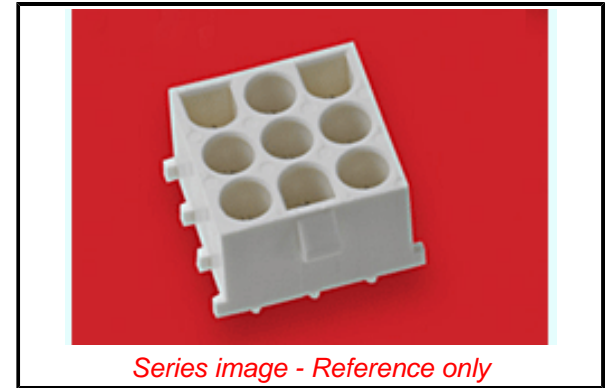
Breakaway No
 Circuits (Loaded) 9
 Circuits (maximum) 9
 Color - Resin Natural
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 5.636/g
 Number of Rows 3
 Orientation Vertical
 PC Tail Length 4.30mm
 PCB Retention None
 PCB Thickness - Recommended 0.90mm
 Packaging Type Carton
 Pitch - Mating Interface 6.35mm
 Polarized to PCB Yes
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55° to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 13.5A, 20.0A
 Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 010



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

[42002 Series](#)

Mates With

[42021](#) , [42023](#)

Lead-free Process Capability
Process Temperature max. C

WAVE
260

Material Info

Engineering Number

42002-09C2A1

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