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Part Number: [0010845090](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: 6.35mm Pitch MLX Power Connector Header, Vertical, 9 Circuits, Polyester 94V-0, Tin (Sn) Plating, White

Documents:

3D Model	Packaging Specification PK-43255-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-43255-003-001 (PDF)
Product Specification PSX-42002-0001-001 (PDF)	RoHS Certificate of Compliance (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	Solder Type, Solder Type
Overview	MLX Power Connectors
PITCH-MATING-NUMERIC	6.35
Product Name	MLX
UPC	800753869080

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
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Resin	Polyester
Net Weight	5.429/g
Number of Rows	3
Orientation	Vertical
PC Tail Length	4.27mm
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Bag
Pitch - Mating Interface	6.35mm
Pitch - Termination Interface	6.35mm
Polarized to PCB	Yes
Shrouded	Fully
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole



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

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42002 Series](#)

Mates With

[42021 Plug](#)

Electrical

Current - Maximum per Contact 13.5A, 20.0A

Solder Process Data

Duration at Max. Process Temperature (seconds) 010

Lead-free Process Capability WAVE

Process Temperature max. C 260

Material Info

Engineering Number 42002-09C1A1

Reference - Drawing Numbers

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

Product Specification PSX-42002-0001-001

Sales Drawing SDA-42002-XXXXX

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