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Part Number:

0010845120

Status:

Active

Overview:

MLX Power Connectors

Description:

6.35mm Pitch MLX Power Connector Header, Vertical, 12 Circuits, Polyester 94V-0, Tin (Sn) Plating, White



Series image - Reference only

Documents:

Drawing (PDF)	Packaging Specification PK-43255-001-001 (PDF)
3D Model	Packaging Specification PK-43255-003-001 (PDF)
3D Model (PDF)	Datasheet (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
Application	Power, Wire-to-Board
Comments	Solder Type
Component Type	PCB Header
Overview	MLX Power Connectors
Product Name	MLX
Taxonomy	PCB Headers and Receptacles
UPC	800753869127

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	7.072/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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

42002 Series

Mates With

42021 Plug

Electrical

Current - Maximum per Contact13.5A, 20.0A

Solder Process Data

Duration at Max. Process Temperature (seconds)010

Lead-freeProcess CapabilityWAVE

Process Temperature max. C260

Material Info

Engineering Number42002-12C1A1

Reference - Drawing Numbers

Packaging SpecificationPK-43255-001-001, PK-43255-003-001

Product SpecificationPSX-42002-0001-001

Sales DrawingSDA-42002-XXXXX-001

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