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Part Number: [10-84-5021](#)
Status: **Active**
Overview: MLX™ Power Connectors
Description: 6.35mm Pitch MLX Power Connector, 2.13mm Contact Diameter, Vertical, Polyester 94V-0, White/Natural, 2 Circuits

Documents:

3D Model	Product Specification PS-42022-0001 (PDF)
Drawing (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	High Vibration Application
Overview	MLX™ Power Connectors
Product Name	MLX™
UPC	800754227827

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1.526/g
Number of Rows	1
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°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13.5A, 20A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[42002Series](#)

Mates With

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

Material Info

Old Part Number

onlinecomponents.com
42002-0001
THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

Reference - Drawing Numbers

Product Specification

PS-42022-0001

Sales Drawing

SDA-42002-*****

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