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Part Number:

0010844042

Status:

Active

Overview:

MLX™ Power Connectors

Description:

6.35mm Pitch MLX™ Power Connector, 2.13mm Contact Diameter, Vertical, PA Polyamide (Nylon) 6/6, Tin (Sn), White, 4 Circuits

Documents:

3D Model

Drawing (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	High Vibration Application
Overview	MLX™ Power Connectors
Product Name	MLX™
UPC	800753610798

Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-2
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.564/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, 20.0A
Voltage - Maximum	600V

Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	WAVE
Process Temperature max. C	260



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

42002 Series

Mates With

42021 , 42023

Material Info

Engineering Number

A-42002-4A2A1

Reference - Drawing Numbers

Product Specification

PSX-42002-0001-001

Sales Drawing

SDA-42002-*****

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