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Part Number:

0010844122

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, 12 Circuits

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PSX-42002-0001-001 (PDF)

Packaging Specification PK-43255-001-001 (PDF)

Packaging Specification PK-43255-003-001 (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		800753610552
Physical		
Breakaway		No
Circuits (Loaded)		12
Circuits (maximum)		12
Color - Resin		Natural
Durability (mating cycles max)		50
Flammability		94V-2
Glow-Wire Capable		No
Lock to Mating Part		Yes
Material - Metal		Phosphor Bronze
Material - Plating Mating		Tin
Material - Plating Termination		Tin
Material - Resin		Nylon
Net Weight		6.680/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
Lead-freeProcess Capability		WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ECHA_01_2020 (16 January 2020)

Halogen-Free

Status

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 , 42023

Process Temperature max. C	260
Material Info	
Engineering Number	A-42002-12A2A1
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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10-84-4122