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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



Series image - Reference only

Documents:	
3D Model	Packaging Specification PK-43255-001-001 (PDF)
3D Model (PDF)	Packaging Specification PK-43255-003-001 (PDF)
Drawing (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	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 Capable	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° 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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
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-42002-4A2A1
Reference - Drawing Numbers	
Packaging Specification	PK-43255-001-001, PK-43255-003-001
Product Specification	PSX-42002-0001-001
Sales Drawing	SDA-42002-XXXXX-001

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