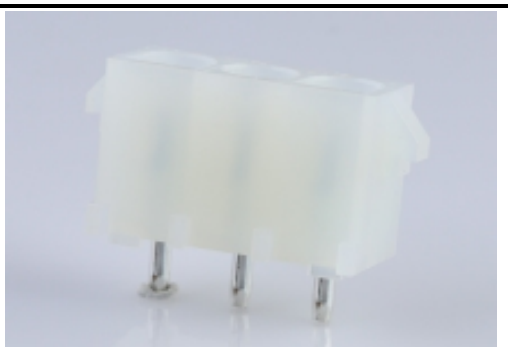
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Part Number: 0010845031
Status: Active
Overview: MLX Power Connectors
Description: 6.35mm Pitch MLX Power Connector, 2.13mm Contact Diameter, Vertical, PCT Polyester, Tin (Sn), White, 3 Circuits



Series image - Reference only

Documents:

Drawing (PDF)
3D Model (PDF)
3D Model
Product Specification PSX-42002-0001-001 (PDF)
Packaging Specification PK-43255-001-001 (PDF)
Packaging Specification PK-43255-003-001 (PDF)
Datasheet (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
Component Type	PCB Header
Overview	MLX Power Connectors
Product Name	MLX
Taxonomy	PCB Headers and Receptacles
UPC	800754227841

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.213/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

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

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 , 42023

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

Material Info

Engineering Number	4200203C2A1

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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