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Part Number: [0010845021](#)
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 PSX-42002-0001 \(PDF\)](#)
[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, 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

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not 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

Search Parts in this Series

[42002](#) Series

Mates With

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

Material Info

Engineering Number 4200202C2A1

Reference - Drawing Numbers

Product Specification PSX-42002-0001

Sales Drawing SDA-42002-*****

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