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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:

<u>3D Model</u> <u>Packaging Specification PK-43255-001-001 (PDF)</u>
<u>Drawing (PDF)</u> <u>Packaging Specification PK-43255-003-001 (PDF)</u>

Product Specification PSX-42002-0001-001 (PDF) RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>42002</u>

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/gNumber of Rows 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

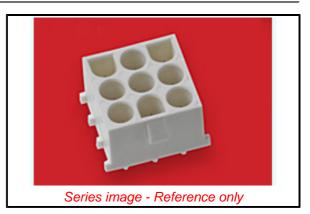
Temperature Range - Operating -55° to +105°C
Termination Interface: Style Through Hole

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
Process Temperature max. C 260



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC
Not Contained Per
-ED/01/2018 (15
January 2018)

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

Material Info

Engineering Number A-42002-4A2A1

Reference - Drawing Numbers
Packaging Specification
Product Specification Sales Drawing

PK-43255-001-001, PK-43255-003-001 PSX-42002-0001-001 SDA-42002-XXXXX

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