Part Number : 10844030
Product Description : 6.35mm Pitch MLX Power Connector Header, Vertical, 3 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, White
Series Number : 42002
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : A-42002-3A1A1



Documents & Resources

Drawings

Drawing_010844030_sd.pdf
Packaging Design Drawing_PK-43255-001-001.pdf
Packaging Design Drawing_PK-43255-003-001.pdf

3D Models and Design Files

3D Model_010844030_stp.zip

Specifications

Product Specification_PSX-42002-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	42002
Description	6.35mm Pitch MLX Power Connector Header, Vertical, 3 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, White
Application	Power, Wire-to-Board
Comments	Solder Type
Component Type	PCB Header
Product Family	MLX Power Connectors
Product Name	MLX
UPC	800753619548

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	13.5A, 20.0A

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3

Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	1.891/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	4.27mm
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	6.35mm
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.13mm Diameter MLX Power Crimp Housing Plugs	42021