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Part Number: [0010844040](#)
Status: **Active**
Overview:
Description: 6.35mm (.250) Pitch MLX™ Power Connector Header, Vertical, 4 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, White

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	PCB Headers
Series	42002
Application	Wire-to-Board
Comments	Solder Type
Overview	MLX
Product Name	MLX™

Physical

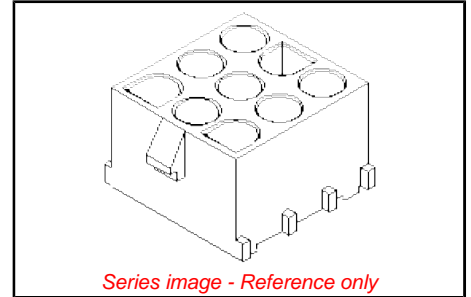
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.168 In
PC Tail Length (mm)	4.27 mm
PCB Retention	Yes
PCB Thickness Recommended (in)	0.125 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.250 In
Pitch - Mating Interface (mm)	6.35 mm
Polarized to PCB	Yes
Shrouded	Fully
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	13.5A
UL	E29179

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status Not Reviewed

China RoHS



Need more information on product environmental compliance?

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Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[42002 Series](#)

Mates With
[42021 Plug](#)

Process Temperature max. C	260
Material Info	
Old Part Number	A-42002-4A1A1
Reference - Drawing Numbers	
Sales Drawing	SDA-42002-*****

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