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Part Number:

0010844020

Status:

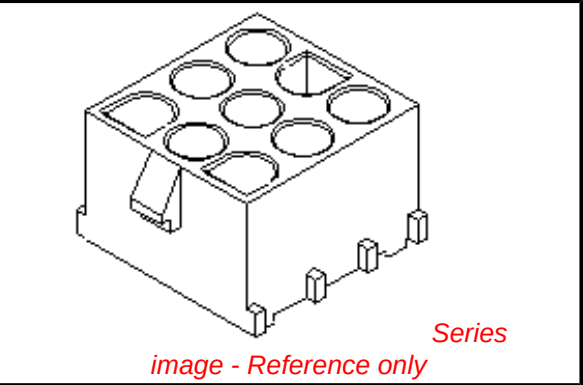
Active

Overview:

MLX

Description:

6.35mm (.250) Pitch MLX™ Power Connector Header, Vertical, 2 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, White



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-42022-0001 \(PDF\)](#)

[Product Specification PSX-42002-0001 \(PDF\)](#)

[Product Specification PSX-42002-0002 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Headers
Series	42002
Application	Wire-to-Board
Comments	Solder Type
Overview	MLX
Product Name	MLX™
Physical	
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

42002Series

Mates With

42021 Plug

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260

Material Info

Old Part Number	A-42002-2A1A1
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Reference - Drawing Numbers

Product Specification	PS-42022-0001, PSX-42002-0001, PSX-42002-0002
Sales Drawing	SDA-42002-*****

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