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Part Number: **0050841015**
Status: **Active**
Overview: MLX Power Connectors
Description: 2.13mm Diameter MLX Power Crimp Housing Plug, Nylon 6/6, 94V-0, 1 Circuit

Documents:

3D Model	Product Specification TS-42022-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-42021-XX-001 (PDF)
Product Specification PS-42022-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	<u>42021</u>
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Glow Wire Equivalent Part Number <u>36643-0001</u> . Flammability Rating: 94V-0. Current – Maximum per contact 20A if used with <u>36663</u> and <u>36664</u> terminal
Overview	<u>MLX Power Connectors</u>
Product Name	MLX
UPC	800753875043

Physical

Circuits (maximum)	1
Circuits Detail	1
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.807/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	N/A
Pitch - Termination Interface	N/A
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-55°C to +105°C

Electrical

Current - Maximum per Contact	13.5A, 20.0A
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Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Engineering Number	42021-01C
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Reference - Drawing Numbers

Packaging Specification	PK-42021-XX-001
Product Specification	PS-42022-0001-001, TS-42022-0001-001
Sales Drawing	SD-42021-**



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Relevant

Search Parts in this Series

42021 Series

Mates With

42002 MLX Power Connector Header,
42022 MLX Pin and Socket Receptacle,
43255 MLX Power Connector Header

Use With

MLX Crimp Terminal 36663 , 36664 , 42023 , 42024

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