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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- (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 Compliant	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-**
Product Specification	PS-42022-0001-001, TS-42022-0001-001
Sales Drawing	SD-42021-**



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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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