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Part Number: [0050841120](#)
Status: **Active**
Overview: [MLX™ Power Connectors](#)
Description: 2.13mm Diameter MLX™ Power Crimp Housing Plug, 12 Circuits

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	42021
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Glow Wire Equivalent Part Number 36643-0007 . Current – Maximum per contact 20A if used with 36663 and 36664 terminal
Overview	MLX™ Power Connectors
Product Name	MLX™
UPC	800753683877

Physical

Circuits (maximum)	12
Circuits Detail	12
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	6.680/g
Number of Rows	4
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	6.35mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-55°C to +105°C

Electrical

Current - Maximum per Contact	11.0A, 20.0A
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Solder Process Data

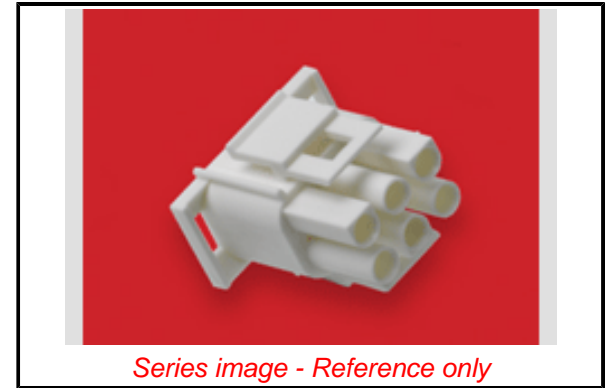
Lead-free Process Capability	N/A
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Material Info

Engineering Number	42021-12A
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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-**



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2017 (12 January 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 Contained

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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