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**Part Number:** [0050841090](#)  
**Status:** **Active**  
**Overview:** [MLX Power Connectors](#)  
**Description:** 2.13mm Diameter MLX Power Crimp Housing Plug, 9 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification TS-42022-0001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-42021-XX-001 (PDF)</a>
<a href="#">Product Specification PS-42022-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">42021</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Glow Wire Equivalent Part Number <a href="#">36643-0006</a> . Current – Maximum per contact 20A if used with <a href="#">36663</a> and <a href="#">36664</a> terminal
Overview	<a href="#">MLX Power Connectors</a>
Product Name	MLX
UPC	800753577381

**Physical**

Circuits (maximum)	9
Circuits Detail	9
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	5.355/g
Number of Rows	3
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**

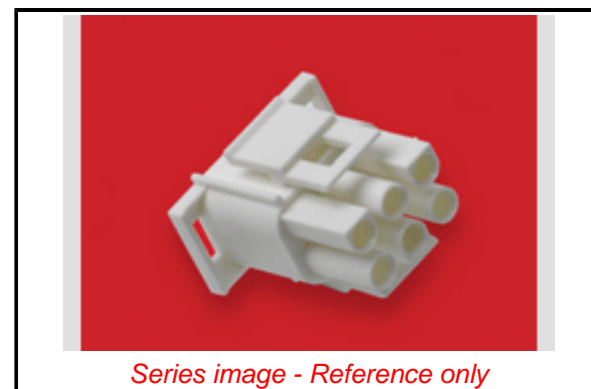
Lead-free Process Capability	N/A
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**Material Info**

Engineering Number	42021-9A
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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-**



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](mailto: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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