

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0050841090](#)
Status: **Active**
Overview: MLX™ Power Connectors
Description: 2.13mm Diameter MLX™ Power Crimp Housing Plug, 9 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 36643-0006 . Current – Maximum per contact 20A if used with 36663 and 36664 terminal
MolexKits	Yes
Overview	MLX™ Power Connectors
Product Name	MLX™
UPC	800753577381

Physical

Circuits (maximum)	9
Circuits Detail	9
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	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
-------------------------------	--------------

Solder Process Data

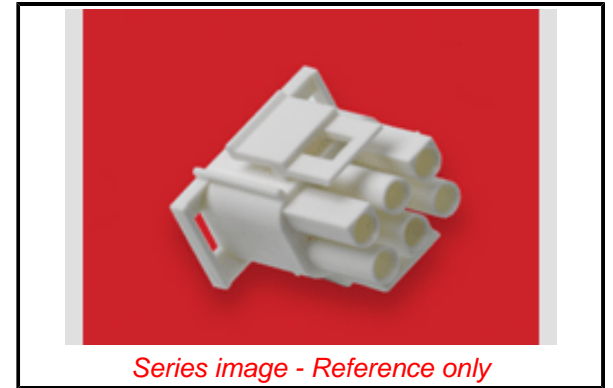
Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Engineering Number	42021-9A
--------------------	----------

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](#)

This document was generated on 05/09/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[50-84-1090](#)