

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

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	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 Capable	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° to +105°C

Electrical

Current - Maximum per Contact	11.0A, 20.0A
-------------------------------	--------------

Solder Process Data

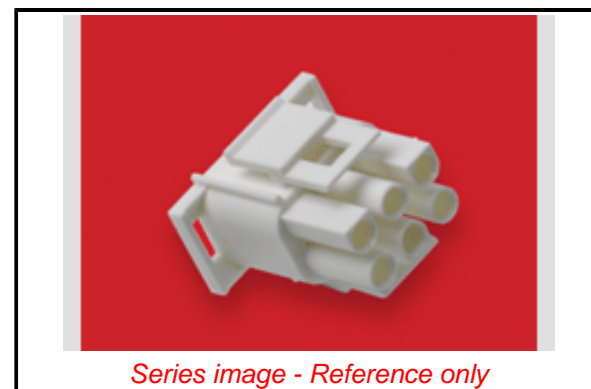
Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Engineering Number	42021-12A
--------------------	-----------

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/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

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 10/23/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION