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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:

3D Model

Drawing (PDF)

Product Specification PS-42022-0001-001 (PDF)

Product Specification TS-42022-0001-001 (PDF)

Packaging Specification PK-42021- (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-**



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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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