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Part Number: [0050842090](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: 2.13mm Diameter MLX Pin and Socket Receptacle, 9 Circuits

Documents:

3D Model	Product Specification TS-42022-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-42022-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	42022
Application	Power, Wire-to-Wire
Comments	Glow Wire Equivalent Part Number 36644-0006 . Current – Maximum per contact 20A if used with 36663 and 36664 terminal
Overview	MLX Power Connectors
Product Name	MLX
UPC	800753577473

Physical

Circuits (maximum)	9
Circuits Detail	9
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	6.878/g
Number of Rows	3
Packaging Type	Carton
Panel Mount	Yes
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	20.0A
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Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Engineering Number	42022-9A
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Reference - Drawing Numbers

Packaging Specification	PK-42022-XX-001
Product Specification	PS-42022-0001-001, TS-42022-0001-001
Sales Drawing	SD-42022-*



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
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

[42022](#) Series

Mates With

[42021](#) MLX Power Crimp Housing Plug

Use With

MLX Crimp Terminal [42023](#) , [42024](#)

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