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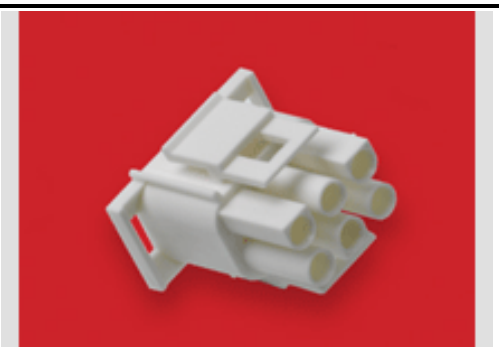
Part Number: 0050841020
Status: Active
Overview: MLX™ Power Connectors
Description: 2.13mm Diameter MLX™ Power Crimp Housing Plug, 2 Circuits



Series image - Reference only

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 36643-0002. Current – Maximum per contact 20A if used with 36663 and 36664 terminal
MolexKits	Yes
Overview	MLX™ Power Connectors
Product Name	MLX™
UPC	800753577503

Physical

Circuits (maximum)	2
Circuits Detail	2
Color - Resin	Natural
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.960/g
Number of Rows	1
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	13.5A, 20.0A

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Engineering Number	42021-2A

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

China RoHS

REACH SVHC
Not Contained Per - ED/21/2016 (20 June 2016)

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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