



Part Number : [50841155](#)

Product Description : 2.13mm Diameter MLX Power Crimp Housing Plug, 15 Circuits, Natural

Series Number : 42021

Status : Active

Product Category : Connector Housings

Engineering Number : 42021-15C

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## Documents & Resources

### Drawings

[Drawing\\_050841155\\_sd.pdf](#)

[Packaging Design Drawing PK-42021-XX-001.pdf](#)

### 3D Models and Design Files

[3D Model\\_050841155\\_stp.zip](#)

### Specifications


[Product Specification PS-42022-0001-001.pdf](#)

[Test Summary TS-42022-0001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains melamine per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	42021
Description	2.13mm Diameter MLX Power Crimp Housing Plug, 15 Circuits, Natural
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Glow Wire Equivalent Part Number 366430008; Maximum current per contact 20A if used with 36663 and 36664 terminal
Product Family	MLX Power Connectors
Product Name	MLX
UPC	800754386272

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits Detail	15
Circuits (maximum)	15
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	9.536/g
Number of Rows	5

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

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
6.35mm Pitch MLX Vertical Power Connector Headers	<u><a href="#">42002</a></u>
2.13mm Diameter MLX Pin and Socket Receptacles	<u><a href="#">42022</a></u>
MLX Vertical Power Connector Headers	<u><a href="#">43255</a></u>

### Use with Part(s)

Description	Part Number
Pre-Crimped Lead MLX Male-to-MLX Male, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582029.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582029.html</a></u>
Pre-Crimped Lead MLX Male-to-MLX Male, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582030.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582030.html</a></u>
Pre-Crimped Lead MLX Female-to-MLX Female, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582031.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582031.html</a></u>
Pre-Crimped Lead MLX Female-to-MLX Female, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582032.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582032.html</a></u>
MLX Crimp Terminals	<u><a href="#">36663</a></u>
MLX Female Terminals	<u><a href="#">36664</a></u>
MLX Male Crimp Terminals	<u><a href="#">42023</a></u>

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This document was generated on Apr 15, 2024