



Part Number : 50841155

Series Number : 42021

Product Category : Connector Housings

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

Status : Active

Engineering Number : 42021-15C

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

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(2024)4144-DC (27 June 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

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>42002</u>
2.13mm Diameter MLX Pin and Socket Receptacles	<u>42022</u>
MLX Vertical Power Connector Headers	<u>43255</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>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582029.html</u>
Pre-Crimped Lead MLX Male-to-MLX Male, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582030.html</u>
Pre-Crimped Lead MLX Female-to-MLX Female, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582031.html</u>
Pre-Crimped Lead MLX Female-to-MLX Female, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582032.html</u>
MLX Crimp Terminals	<u>36663</u>
MLX Female Terminals	<u>36664</u>
MLX Male Crimp Terminals	<u>42023</u>

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