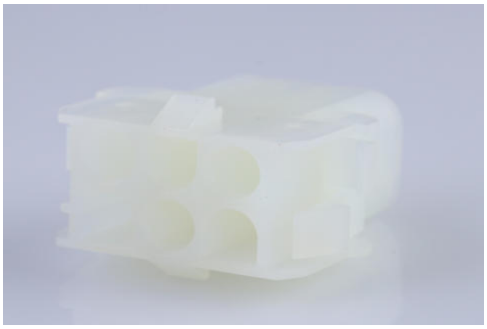


Part Number : 50842060
Product Description : 2.13mm Diameter MLX Pin and Socket Receptacle, 6 Circuits, Natural
Series Number : 42022
Status : Active
Product Category : Connector Housings
Engineering Part Number : 42022-6A

Documents and Resources

Drawings

050842060_sd.pdf

PK-42022-XX-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-42022-0001-001.pdf

TS-42022-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	42022
Description	2.13mm Diameter MLX Pin and Socket Receptacle, 6 Circuits, Natural
Application	Wire-to-Wire
Comments	Glow Wire Equivalent Part Number 366440005; Maximum current per contact 20A if used with 36663 and 36664 terminal
Component Type	Receptacle
Product Name	MLX
UPC	800753577459

Agency

CSA	LR19980
UL	E29179

Physical

Circuits Detail	6
Circuits (maximum)	6
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	No

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Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	5.080/g
Number of Rows	2
Packaging Type	Carton
Panel Mount	Yes
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.13mm Diameter MLX Power Crimp Housing Plugs	42021

Use with Part(s)

Description	Part Number
Pre-Crimped Lead MLX Male-to-MLX Male, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Black	797582029
Pre-Crimped Lead MLX Male-to-MLX Male, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Black	797582030
Pre-Crimped Lead MLX Female-to-MLX Female, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Black	797582031
Pre-Crimped Lead MLX Female-to-MLX Female, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Black	797582032
MLX Male Crimp Terminals	42023

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MLX Female Crimp Terminals	42024

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