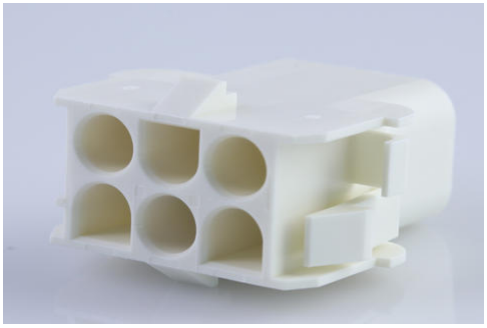
molex



Part Number : 366440005
Product Description : 2.13mm Diameter MLX Pin and Socket Receptacle, 6 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow-Wire Capable
Series Number : 36644
Status : Active
Product Category : Connector Housings

Documents and Resources

Drawings

366440005_sd.pdf

PK-42022-XX-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-36644-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

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- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- 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	36644
Description	2.13mm Diameter MLX Pin and Socket Receptacle, 6 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow-Wire Capable
Application	Power, Wire-to-Wire
Comments	This Molex product is manufactured from material that has the following ratings, tested by independent agencies: a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12 and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. The customers using this product must

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	determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.
Product Name	MLX
UPC	800756935195

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	5.470/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	6.35mm
Pitch - Termination Interface	6.35mm
Polarized to Mating Part	Yes
Stackable	No

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Temperature Range - Operating	-55° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
MLX Plug Housings	36643
2.13mm Diameter MLX Power Crimp Housing Plugs	42021

Use with Part(s)

Description	Part Number
MLX Male Crimp Terminals	42023
MLX Female Crimp Terminals	42024

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