molex



Part Number : 512270300
Product Description : 2.00mm Pitch MicroTPA Wire-to-Wire Plug Housing, Positive Lock, 3 Circuits, Natural
Series Number : 51227
Status : Active
Product Category : Connector Housings

Documents and Resources

Drawings

512270300_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

SPK-51227-001-001.pdf

PS-51216-006-001.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	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC

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- 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	51227
Description	2.00mm Pitch MicroTPA Wire-to-Wire Plug Housing, Positive Lock, 3 Circuits, Natural
Application	Signal, Wire-to-Wire
Product Name	MicroTPA
UPC	800756062358

Agency

UL	E29179

Physical

Circuits (maximum)	3
Color - Resin	Natural
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	No
Material - Resin	Polyester
Net Weight	491.300/mg
Number of Rows	1

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Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
MicroTPA Receptacle Housings	51216

Use with Part(s)

Description	Part Number
2.00mm Pitch MicroTPA Terminal Position Assurance (TPA) Retainer, 3 Circuits	512170305
2.00mm Pitch Male Crimp Terminals	56086

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