molex



Part Number : 5054322601
Product Description : 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 26 Circuits, Black
Series Number : 505432
Status : Active
Product Category : Connector Housings

Documents and Resources

Drawings

5054322601_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

5054322601.dxf

Specifications

5054320000-AS-000.pdf

5054329200-200.pdf

5054320000-002.pdf

5054320000-005.pdf

5054320000-006.pdf

5054321000-PS-002.pdf

5054321000-PS-006.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

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	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
- 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	505432
Description	1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 26 Circuits, Black
Application	Signal, Wire-to-Board
Keyword	Micro-Lock Plus 1.25
Product Name	Micro-Lock Plus
UPC	889056422277

Agency

UL	E29179

Physical

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Circuits (maximum)	26
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	527.091/mg
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.25mm
Pitch - Termination Interface	1.25mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.25mm Pitch Micro-Lock Plus Vertical, Dual Row, Surface Mount Headers	505433
1.25mm Pitch Micro-Lock Plus Right-Angle, Dual Row, Surface Mount Headers	505448

Use with Part(s)

Description	Part Number
Pre-Crimped Lead Micro-Lock Plus 1.25 Female-to-Micro-Lock Plus 1.25 Female, Matte Tin (Sn) Plating, 150.00mm Length, 26 AWG, Black	797581148
Pre-Crimped Lead Micro-Lock Plus 1.25 Female-to-Micro-Lock Plus 1.25 Female, Matte Tin (Sn)	797581149

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Plating, 300.00mm Length, 26 AWG, Black	
Pre-Crimped Lead Micro-Lock Plus 1.25 Female-to-Micro-Lock Plus 1.25 Female, 0.10µm Gold (Au) Plating, 150.00mm Length, 26 AWG, Black	797582143
Pre-Crimped Lead Micro-Lock Plus 1.25 Female-to-Micro-Lock Plus 1.25 Female, 0.10µm Gold (Au) Plating, 300.00mm Length, 26 AWG, Black	797582144
1.25mm Pitch Micro-Lock Plus Female Crimp Terminals	505431

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