Part Number : 2145271401
Product Description : Micro-Lock Plus TPA Type Receptacle Housing, 1.25mm Pitch, Low-Halogen, Dual Row, Positive Lock, 14 Circuits, Black
Series Number : 214527
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

2145271401_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

2145271401.dxf

Specifications

5054320000-AS-000.pdf

2145279200-SPK-200.pdf

2145270000-PS-000.pdf

2145270001-PS-000.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

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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	214527
Description	Micro-Lock Plus TPA Type Receptacle Housing, 1.25mm Pitch, Low-Halogen, Dual Row, Positive Lock, 14 Circuits, Black
Application	Wire-to-Board, Wire-to-Wire
Component Type	Receptacle
Keyword	Micro-Lock Plus 1.25
Product Name	Micro-Lock Plus
UPC	193264680221

Agency

UL	E29179

Physical

Circuits (maximum)	14
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes

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Material - Resin	Polybutylene Terephthalate (PBT)
Net Weight	332.220/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
1.25mm Pitch Micro-Lock Plus Right-Angle, Dual Row, Surface Mount Headers	204519
1.25mm Pitch Micro-Lock Plus Vertical, Dual Row, Surface Mount Headers	204520
1.25mm Pitch Micro-Lock Plus Vertical, Dual Row, Surface Mount Headers with Potting Capability	207760

Use with Part(s)

Description	Part Number
Micro-Lock Plus Female Crimp Terminal, 1.25mm Pitch, Matte Tin (Sn) Plating, 30-26 AWG, Reel	5054311000
1.25mm Pitch Micro-Lock Plus TPA Retainers	214528
1.25mm Pitch Micro-Lock Plus	214529

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Female Crimp Terminals	

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