**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 & 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(2024)7663-DC (21 Jan 2025) |
| 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

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## 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 |
| 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 | None |

| | |
|---|---|
| Lock to Mating Part | Yes |
| Material - Resin | 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 |

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## 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 |
| | |

| | |
|---|---|
| Micro-Lock Plus Female Crimp Terminals | 214529 |