**Part Number :** 5054322401
**Product Description :** 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 24 Circuits, Black
**Series Number :** 505432
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

5054322401_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

5054322401.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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Connector Housings |
| Series | 505432 |
| Description | 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 24 Circuits, Black |
| Application | Signal, Wire-to-Board |
| Keyword | Micro-Lock Plus 1.25 |
| Product Name | Micro-Lock Plus |
| UPC | 889056422260 |

### Agency

| | |
|---|---|
| UL | E29179 |

### Physical

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| | |
|---|---|
| Circuits (maximum) | 24 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 492.819/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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