



Part Number : [5054321601](#)

Product Description : 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 16 Circuits, Black

Series Number : 505432

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[5054321601_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[5054321601.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 | Compliant per 2000/53/EC |
| 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
- 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, 16 Circuits, Black |
| Application | Wire-to-Board |
| Keyword | Micro-Lock Plus 1.25 |
| Product Name | Micro-Lock Plus |
| UPC | 889056422222 |

Agency

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

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 356.750/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 |

| | |
|---|------------------|
| 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 | <u>797582143</u> |
| 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 | <u>797582144</u> |
| 1.25mm Pitch Micro-Lock Plus Female Crimp Terminals | <u>505431</u> |

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