



**Part Number :** [5054323601](#)  
**Product Description :** 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 36 Circuits, Black  
**Series Number :** 505432  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

**Drawings**  
[5054323601\\_sd.pdf](#)

**3D Models and Design Files**  
[5054323601.dxf](#)  
[5054323601.pdf](#)  
[5054323601\\_stp.zip](#)

**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         |                                                |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Not 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                      |

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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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, 36 Circuits, Black |
| Application  | Signal, Wire-to-Board                                                                               |
| Product Name | Micro-Lock Plus                                                                                     |
| UPC          | 889056422321                                                                                        |

### Agency

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

### Physical

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 36         |
| Color - Resin         | Black      |
| Gender                | Receptacle |
| Glow-Wire Capable     | No         |
| Keying to Mating Part | None       |
| Lock to Mating Part   | Yes        |
| Material - Resin      | Polyester  |
| Net Weight            | 690.788/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    | <u>505433</u> |
| 1.25mm Pitch Micro-Lock Plus Right-Angle, Dual Row, Surface Mount Headers | <u>505448</u> |

### Use with Part(s)

| Description                                                                                                          | Part Number      |
|----------------------------------------------------------------------------------------------------------------------|------------------|
| Pre-Crimped Lead Micro-Lock Plus Female-to-Micro-Lock Plus Female, Tin (Sn) Plating, 150.00mm Length, 26 AWG, Black  | <u>797581148</u> |
| Pre-Crimped Lead Micro-Lock Plus Female-to-Micro-Lock Plus Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black  | <u>797581149</u> |
| Pre-Crimped Lead Micro-Lock Plus Female-to-Micro-Lock Plus Female, Gold (Au) Plating, 150.00mm Length, 26 AWG, Black | <u>797582143</u> |
| Pre-Crimped Lead Micro-Lock Plus Female-to-Micro-Lock Plus Female, Gold (Au) Plating, 300.00mm Length, 26 AWG, Black | <u>797582144</u> |
| Micro-Lock Plus Female Crimp Terminals                                                                               | <u>505431</u>    |