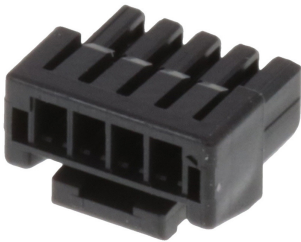




**Part Number :** [5055651501](#)  
**Product Description :** 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Single Row, Positive Lock, 15 Circuits, Black  
**Series Number :** 505565  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

**Drawings**  
[5055651501\\_sd.pdf](#)

**3D Models and Design Files**  
[5055651501.dxf](#)  
[5055651501.pdf](#)  
[5055651501\\_stp.zip](#)

**Specifications**  
[5055650000-AS-000.pdf](#)  
[5055659200-200.pdf](#)  
[5055650000-000.pdf](#)  
[5055651000-PS-000.pdf](#)  
[5055650002-000.pdf](#)  
[5055651002-PS-000.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)6225-DC (07 Nov 2024)                                        |
| 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       | 505565                                                                                                |
| Description  | 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Single Row, Positive Lock, 15 Circuits, Black |
| Application  | Signal, Wire-to-Board, Wire-to-Wire                                                                   |
| Product Name | Micro-Lock Plus                                                                                       |
| UPC          | 889056532068                                                                                          |

### Agency

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

### Physical

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 15         |
| Color - Resin         | Black      |
| Gender                | Receptacle |
| Glow-Wire Capable     | No         |
| Keying to Mating Part | None       |
| Lock to Mating Part   | Yes        |
| Material - Resin      | PBT        |
| Net Weight            | 276.798/mg |
| Number of Rows        | 1          |
| 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, Single Row, Surface Mount Headers    | <u>505568</u> |
| 1.25mm Pitch Micro-Lock Plus Right-Angle, Single Row, Surface Mount Headers | <u>505567</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>    |