



**Part Number :** [5055670371](#)  
**Product Description :** 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, Tin-Bismuth Plating, Positive Lock, 3 Circuits, Black  
**Series Number :** 505567  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

**Drawings**  
[5055670371\\_sd.pdf](#)

**3D Models and Design Files**  
[5055670371.dxf](#)  
[5055670371.pdf](#)  
[5055670371\\_stp.zip](#)

**Specifications**  
[5055650000-AS-000.pdf](#)  
[5055679200-200.pdf](#)  
[2145260000-PS-000.pdf](#)  
[5055650000-000.pdf](#)  
[5055651000-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                       |
| 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

---

### Part Details

#### General

|                |                                                                                                                                         |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                  |
| Category       | PCB Headers and Receptacles                                                                                                             |
| Series         | 505567                                                                                                                                  |
| Description    | 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, Tin-Bismuth Plating, Positive Lock, 3 Circuits, Black |
| Application    | Signal, Wire-to-Board                                                                                                                   |
| Component Type | PCB Header                                                                                                                              |
| Product Name   | Micro-Lock Plus                                                                                                                         |
| UPC            | 889056534222                                                                                                                            |

#### Agency

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

#### Electrical

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.5A            |
| Voltage - Maximum             | 50V AC (RMS)/DC |

#### Physical

|                    |    |
|--------------------|----|
| Breakaway          | No |
| Circuits (Loaded)  | 3  |
| Circuits (maximum) | 3  |

|                                |                       |
|--------------------------------|-----------------------|
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | Yes                   |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin-Bismuth           |
| Material - Plating Termination | Tin-Bismuth           |
| Material - Resin               | Polyamide             |
| Net Weight                     | 140.431/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Right Angle           |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Pitch - Mating Interface       | 1.25mm                |
| Pitch - Termination Interface  | 1.25mm                |
| Plating min - Mating           | 1.000µm               |
| Plating min - Termination      | 1.000µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Robotic Placement              | Vacuum Pick-Up Area   |
| Shrouded                       | Fully                 |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface Style    | Surface Mount         |

---

## Mates With / Use With

### Mates with Part(s)

| Description                                                  | Part Number   |
|--------------------------------------------------------------|---------------|
| 1.25mm Pitch, Micro-Lock Plus Single Row Receptacle Housings | <u>505565</u> |

|                                                                                          |              |
|------------------------------------------------------------------------------------------|--------------|
| 1.25mm Pitch, Micro-Lock Plus-to-Micro-Lock Plus Off-the-Shelf (OTS)<br>Cable Assemblies | <u>45111</u> |
|------------------------------------------------------------------------------------------|--------------|

---

This document was generated on Apr 25, 2025