



**Part Number :** [5055670471](#)  
**Product Description :** 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, Tin-Bismuth Plating, Positive Lock, 4 Circuits, Black  
**Series Number :** 505567  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[Drawing 5055670471\\_sd.pdf](#)

### 3D Models and Design Files


- [2D Drawing DXF 5055670471.dxf](#)
- [2D Drawing DXF \(PDF\) 5055670471.pdf](#)
- [3D Model 5055670471\\_stp.zip](#)

### Specifications

- [Application Specification 5055650000-AS-000.pdf](#)
- [Packaging Specification 5055679200-200.pdf](#)
- [Product Specification 2145260000-PS-000.pdf](#)
- [Product Specification 5055650000-000.pdf](#)
- [Product Specification 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)4144-DC (27 June 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	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, 4 Circuits, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Micro-Lock Connector System
Product Name	Micro-Lock Plus
UPC	889056534239

### Agency

UL	E29179
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### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	4

Circuits (maximum)	4
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	161.548/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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
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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) Cable Assemblies	<u>45111</u>