



Part Number : 5055670270

Series Number : 505567

Product Category : PCB Headers and Receptacles

Product Description : 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, Tin-Bismuth Plating, Positive Lock, 2 Circuits, Natural (Beige)

Status : Active

Documents & Resources

Drawings

Drawing 5055670270\_sd.pdf

3D Models and Design Files

2D Drawing DXF 5055670270.dxf

2D Drawing DXF (PDF) 5055670270.pdf

3D Model 5055670270\_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, 2 Circuits, Natural (Beige) |
| Application    | Signal, Wire-to-Board                                                                                                                             |
| Component Type | PCB Header                                                                                                                                        |
| Product Family | Micro-Lock Connector System                                                                                                                       |
| Product Name   | Micro-Lock Plus                                                                                                                                   |
| UPC            | 889056508148                                                                                                                                      |

#### Agency

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

#### Electrical

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

#### Physical

|                    |                 |
|--------------------|-----------------|
| Breakaway          | No              |
| Circuits (Loaded)  | 2               |
| Circuits (maximum) | 2               |
| Color - Resin      | Natural (Beige) |

|                                |                       |
|--------------------------------|-----------------------|
| 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                     | 118.190/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   |
|--------------------------------------------------------------|---------------|
| 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> |
|------------------------------------------------------------------------------------------|--------------|

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