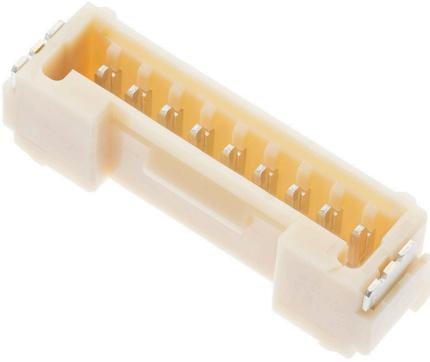


Part Number : 5055681470

Product Description : 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 14 Circuits, with Pick-and-Place Tape, Natural (Beige)



Series Number : 505568

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 5055681470_sd.pdf](#)

3D Models and Design Files

[3D Model 5055681470_stp.zip](#)

Specifications

[Application Specification 5055650000-AS-000.pdf](#)

[Packaging Specification 5055689200-200.pdf](#)

[Product Specification 5055650000-000.pdf](#)

[Product Specification 5055651000-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(2023)3788-DC (14 Jun 2023) |
| 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 | 505568 |
| Description | 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 14 Circuits, with Pick-and-Place Tape, Natural (Beige) |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | Micro-Lock Connector System |
| Product Name | Micro-Lock Plus |
| UPC | 889056554343 |

Agency

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

Electrical

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

Physical

| | |
|--------------------|----|
| Breakaway | No |
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |

| | |
|--------------------------------|-----------------------|
| 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 | 395.786/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| 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 Tape |
| 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> |

This document was generated on Jan 24, 2024