

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5055681370](#)

**Status:** **Active**

**Overview:** [Micro-Lock Plus Wire-to-Board Connector System](#)

**Description:** 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 13 Circuits, with Pick-and-Place Polyimide Tape, Natural

**Documents:**

[Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[3D Model](#)

[Product Specification 5055650000-000 \(PDF\)](#)

[Product Specification 5055651000-PS-000 \(PDF\)](#)

[Product Specification 5055651002-PS-000 \(PDF\)](#)

[Application Specification 5055650000-AS-000 \(PDF\)](#)

[Application Specification AS-505565-001-001 \(PDF\)](#)

[Packaging Specification 5055689200-200 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

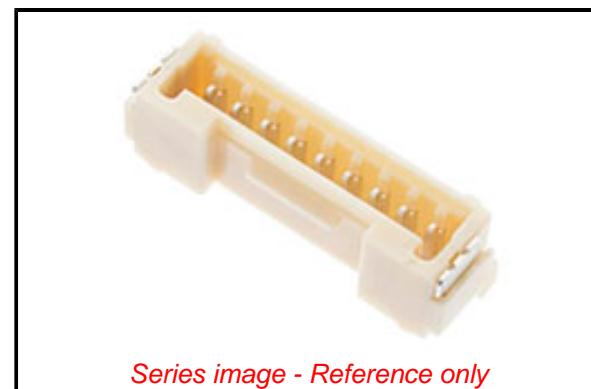
UL E29179

**General**

Product Family PCB Headers  
Series [505568](#)  
Application Signal, Wire-to-Board  
Overview [Micro-Lock Plus Wire-to-Board Connector System](#)  
Product Name Micro-Lock Plus  
Taxonomy PCB Headers and Receptacles  
UPC 889056554336

**Physical**

Breakaway No  
Circuits (Loaded) 13  
Circuits (maximum) 13  
Color - Resin Natural  
Durability (mating cycles max) 30  
First Mate / Last Break No  
Glow-Wire Capable No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Metal Brass  
Material - Plating Mating Tin-Bismuth  
Material - Plating Termination Tin-Bismuth  
Material - Resin Polyamide  
Net Weight 371.643/mg  
Number of Rows 1  
Orientation Vertical  
PCB Locator No  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 1.25mm  
Pitch - Termination Interface 1.25mm  
Plating min - Mating 1.000µm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Robotic Placement Vacuum Pick-Up Tape  
Stackable No  
Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Surface Mount



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[505568](#) Series

**Mates With**

[Micro-Lock Plus Receptacle Housing](#)  
[505565](#)

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

1.5A  
50V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Application Specification  
Packaging Specification  
Product Specification

5055650000-AS-000, AS-505565-001-001  
5055689200-200  
5055650000-000, 5055651000-PS-000, 5055651002-  
PS-000  
5055680000-SD-000

Sales Drawing

This document was generated on 08/31/2022

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**