

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

**Part Number:** [5055681270](#)  
**Status:** **Active**  
**Overview:** [Micro-Lock Plus Connector System](#)  
**Description:** 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 12 Circuits, with Pick-and-Place Polyimide Tape, Natural

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification 5055650000-AS-000 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Application Specification AS-505565-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 5055689200-200 (PDF)</a>
<a href="#">Product Specification 5055650000-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 5055651000-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

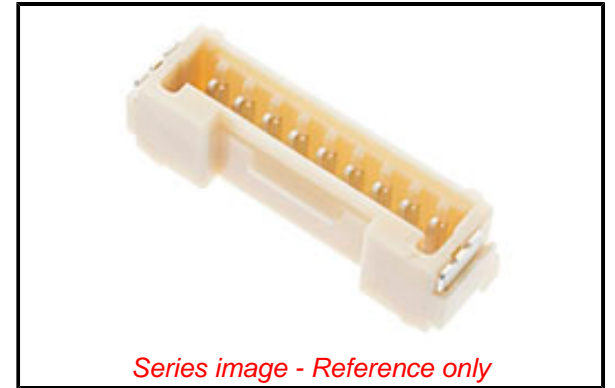
UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">505568</a>
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	<a href="#">Micro-Lock Plus Connector System</a>
Product Name	Micro-Lock Plus
Taxonomy	PCB Headers and Receptacles
UPC	889056554329

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	349.624/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

1.5A

Voltage - Maximum

50V AC (RMS)/DC

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

Application Specification

5055650000-AS-000, AS-505565-001-001

Packaging Specification

5055689200-200

Product Specification

5055650000-000, 5055651000-PS-000

Sales Drawing

5055680000-SD-000

This document was generated on 01/05/2023

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