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**Part Number:** [5054331071](#)  
**Status:** **Active**  
**Overview:** Micro-Lock Plus Wire-to-Board Connector System  
**Description:** Micro-Lock PLUS Vertical Header, 1.25mm Pitch, Dual Row, Tin-Bismuth Plating, 10 Circuits, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 5054339200-200 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5054320000-002 (PDF)</a>	<a href="#">Product Literature (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">505433</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Micro-Lock Plus Wire-to-Board Connector System</a>
Product Literature Order No	987651-4888
Product Name	Micro-Lock PLUS
UPC	889056765671

**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
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	671.650/mg
Number of Rows	2
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
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[505433 Series](#)

**Mates With**

Micro-Lock PLUS Receptacle Housing  
[505432](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

5054339200-200

Product Specification

5054320000-002

Sales Drawing

5054330001-000, 5054330002-000

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