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**Part Number:** [5055781271](#)  
**Status:** **Active**  
**Overview:** Micro-Lock Plus Wire-to-Board Connector System  
**Description:** 2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, Matte Tin Plating, Positive Lock, 12 Circuits, Tape and Reel, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 5055700001-A02 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 5055700001-A03 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 5055789200-200 (PDF)</a>
<a href="#">Product Specification 5055700001-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5055701001-PS-000 (PDF)</a>	

**General**

Product Family	PCB Headers
Series	<a href="#">505578</a>
Application	Signal, Wire-to-Board
Overview	<u>Micro-Lock Plus Wire-to-Board Connector System</u>
Product Name	Micro-Lock Plus
UPC	889056579889

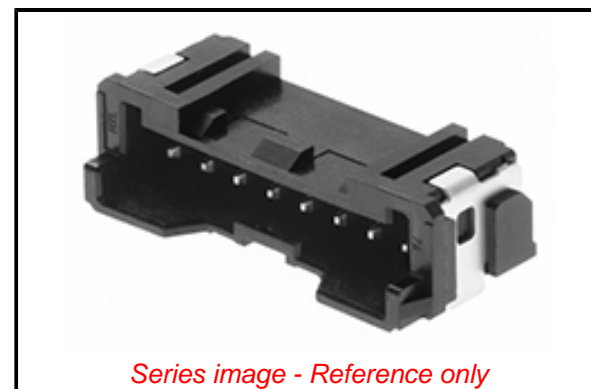
**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Polyamide
Net Weight	1190.650/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**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**

[505578 Series](#)

**Mates With**

[Micro-Lock Plus Receptacle Housing  
505570](#)

**Reference - Drawing Numbers**

Application Specification

5055700001-A02, 5055700001-A03

Packaging Specification

5055789200-200

Product Specification

5055700001-PS-000, 5055701001-PS-000

Sales Drawing

5055780001-000, 5055780001-001

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