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**Part Number:** [5055780671](#)  
**Status:** **Active**  
**Overview:** [Micro-Lock Plus Wire-to-Board Connector System](#)  
**Description:** Micro-Lock PLUS Right-Angle Header, 2.00mm Pitch, Single Row, Matte Tin Plating, 6 Circuits, Black

**Documents:**

[3D Model](#) [Application Specification 5055700001-A03 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Packaging Specification 5055789200-200 \(PDF\)](#)  
[Product Specification 5055700001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification 5055700001-A02 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">505578</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Micro-Lock Plus Wire-to-Board Connector System</a>
Product Name	Micro-Lock PLUS
UPC	889056580045

**Physical**

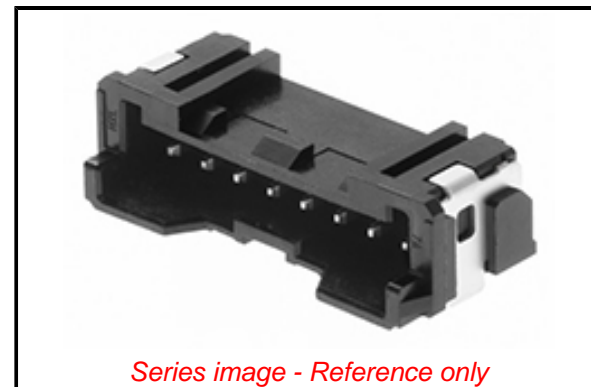
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Polyamide
Net Weight	711.570/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**

**Reference - Drawing Numbers**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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](#)

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

5055700001-A02, 5055700001-A03  
5055789200-200  
5055700001-001  
5055780001-000, 5055780001-001

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