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**Part Number:** [5055680281](#)

**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, 0.10µm Gold Plating, Positive Lock, 2 Circuits, with Pick-and-Place Polyimide Tape, Black

**Documents:**

[Drawing \(PDF\)](#)

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

[3D Model](#)

[Product Specification 5055650002-000 \(PDF\)](#)

[Product Specification 5055651002-PS-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  
UPC 889056857499

**Physical**

Breakaway No  
Circuits (Loaded) 2  
Circuits (maximum) 2  
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 Gold  
Material - Plating Termination Gold  
Material - Resin Polyamide  
Net Weight 117.000/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 0.100µm  
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

**Electrical**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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](#)

Current - Maximum per Contact  
Voltage - Maximum

1.5A  
50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-505565-001-001
Packaging Specification	5055689200-200
Product Specification	5055650002-000, 5055651002-PS-000
Sales Drawing	5055680010-SD-000

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