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Part Number: [5054481671](#)
Status: **Active**
Overview: [Micro-Lock Plus Wire-to-Board Connector System](#)
Description: 1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Right-Angle, Surface Mount, Tin-Bismuth Plating, Positive Lock, 16 Circuits, Black

Documents:

| | |
|---|---|
| 3D Model | Product Specification 5054321000-PS-006 (PDF) |
| Drawing (PDF) | Application Specification AS-505432-001-001 (PDF) |
| 3D Model (PDF) | Packaging Specification 5054489200-200 (PDF) |
| Product Specification 5054320000-002 (PDF) | Datasheet (PDF) |
| Product Specification 5054320000-005 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5054321000-PS-002 (PDF) | |

Agency Certification

UL E29179

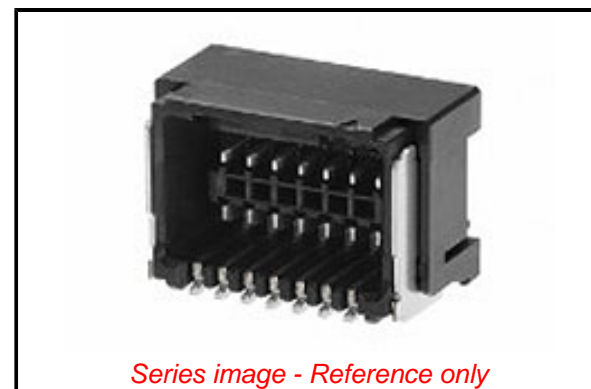
General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 505448 |
| Application | Signal, Wire-to-Board |
| Overview | Micro-Lock Plus Wire-to-Board Connector System |
| Product Name | Micro-Lock Plus |
| UPC | 889056386784 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| 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 | Tin-Bismuth |
| Material - Plating Termination | Tin-Bismuth |
| Material - Resin | Polyamide |
| Net Weight | 1567.828/mg |
| Number of Rows | 2 |
| Orientation | Right Angle |
| 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° 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

[505448](#) Series

Mates With

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

Current - Maximum per Contact
Voltage - Maximum

1.5A
50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-505432-001-001

Packaging Specification

5054489200-200

Product Specification

5054320000-002, 5054320000-005, 5054321000-
PS-002, 5054321000-PS-006

Sales Drawing

5054480000-000

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