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Part Number:

5054481691

Status:

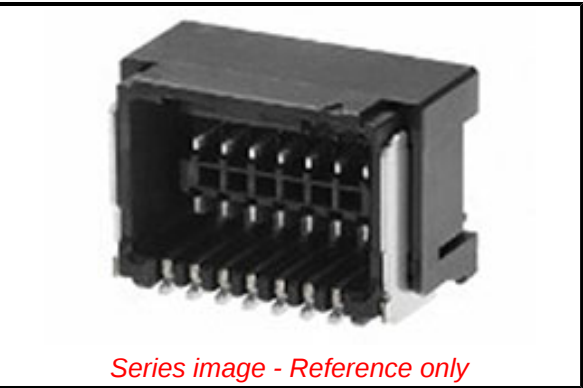
Active

Overview:

Micro-Lock Plus Wire-to-Board Connector System

Description:

1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Right-Angle, Surface Mount, 0.10µm Gold Plating, Positive Lock, 16 Circuits, Black



Series image - Reference only

Documents:

- 3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification 5054320000-006 (PDF)

Product Specification 5054321000-PS-006 (PDF)
- Application Specification AS-505432-001-001 (PDF)

Packaging Specification 5054489200-200 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

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            | 193264148745                                   |

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      | Gold                  |
| Material - Plating Termination | Gold                  |
| Material - Resin               | Polyamide             |
| Net Weight                     | 1513.500/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           | 0.102µm               |
| 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

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

Material Info

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

505448 Series

Mates With

Micro-Lock Plus Receptacle Housing  
505432

**Reference - Drawing Numbers**

|                           |                                   |
|---------------------------|-----------------------------------|
| Application Specification | AS-505432-001-001                 |
| Packaging Specification   | 5054489200-200                    |
| Product Specification     | 5054320000-006, 5054321000-PS-006 |
| Sales Drawing             | 5054480003-SD-000                 |

This document was generated on 01/14/2022

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