

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5041892070

Status:

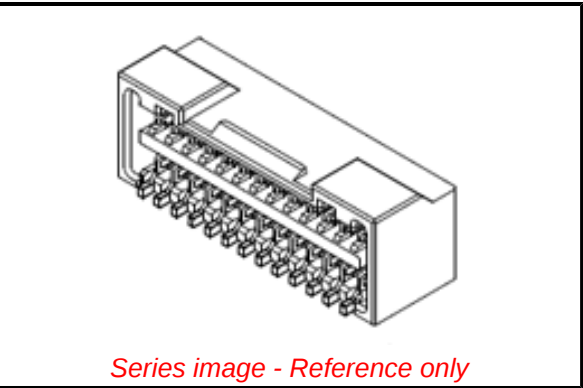
Active

Overview:

Micro-Lock™ Connectors

Description:

Micro-Lock 1.25mm Pitch Dual-Row Right-Angle Header, Beige, 20 Circuits



Series image - Reference only

- Documents:
- 3D Model

Application Specification AS-504186-002-001 (PDF)
- Drawing (PDF)

Packaging Specification SPK-504189-001-001 (PDF)
- Product Specification PS-504186-001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-504186-001-001 (PDF)

|                      |                        |
|----------------------|------------------------|
| General              |                        |
| Product Family       | PCB Headers            |
| Series               | 504189                 |
| Application          | Wire-to-Board          |
| CURRENT-MAX-NUMERIC  | 1.5                    |
| Overview             | Micro-Lock™ Connectors |
| PITCH-MATING-NUMERIC | 1.25                   |
| Product Name         | Micro-Lock             |
| UPC                  | 887191185606           |

|                                |                       |
|--------------------------------|-----------------------|
| Physical                       |                       |
| Breakaway                      | No                    |
| Circuits (Loaded)              | 20                    |
| Circuits (maximum)             | 20                    |
| Color - Resin                  | Beige                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | No                    |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Nickel                |
| Net Weight                     | 986.315/mg            |
| Number of Rows                 | 2                     |
| Orientation                    | Right Angle           |
| PC Tail Length                 | 3.00mm                |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| PCB Thickness - Recommended    | 1.20mm, 1.60mm        |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.25mm                |
| Pitch - Termination Interface  | 1.25mm                |
| Temperature Range - Operating  | -25° to +85°C         |
| Termination Interface: Style   | Surface Mount         |

|                               |      |
|-------------------------------|------|
| Electrical                    |      |
| Current - Maximum per Contact | 1.5A |
| Voltage - Maximum             | 50V  |

Material Info

|                             |                                      |
|-----------------------------|--------------------------------------|
| Reference - Drawing Numbers |                                      |
| Application Specification   | AS-504186-001-001, AS-504186-002-001 |
| Packaging Specification     | SPK-504189-001-001                   |
| Product Specification       | PS-504186-001-001                    |
| Sales Drawing               | SD-504189-001, SD-504189-002         |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
ED/71/2019 (16 July  
2019)

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

504189 Series

Mates With

504186 Micro-Lock Wire-to-Board Crimp  
Housing

This document was generated on 09/14/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[504189-2070](#)