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Part Number: [5041940470](#)
Status: **Active**
Overview: Micro-Lock™ Connectors
Description: Micro-Lock 1.25mm Pitch Single-Row Vertical Header, Beige, 4 Circuits

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-504193-002-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-504194-001-001 (PDF) |
| Product Specification PS-504193-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-504193-001-001 (PDF) | |

General

| | |
|----------------------|-------------------------------|
| Product Family | PCB Headers |
| Series | 504194 |
| Application | Wire-to-Board |
| CURRENT-MAX-NUMERIC | 1.5 |
| Overview | <u>Micro-Lock™ Connectors</u> |
| PITCH-MATING-NUMERIC | 1.25 |
| Product Name | Micro-Lock |
| UPC | 887191208244 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| 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 | 161.195/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| 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 |

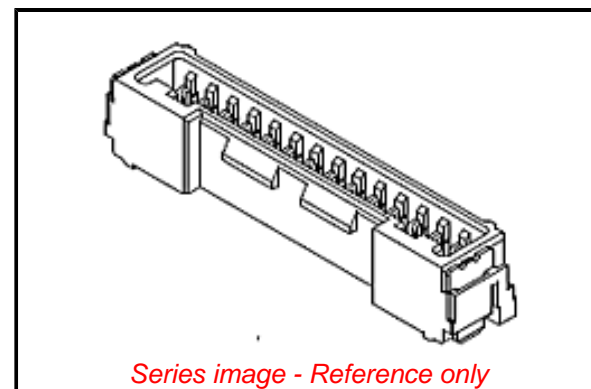
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--------------------------------------|
| Application Specification | AS-504193-001-001, AS-504193-002-001 |
| Packaging Specification | SPK-504194-001-001 |
| Product Specification | PS-504193-001-001 |
| Sales Drawing | SD-504194-001, SD-504194-002 |



EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[504194 Series](#)

Mates With

[504193](#) Micro-Lock Wire-to-Board Crimp Housing

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