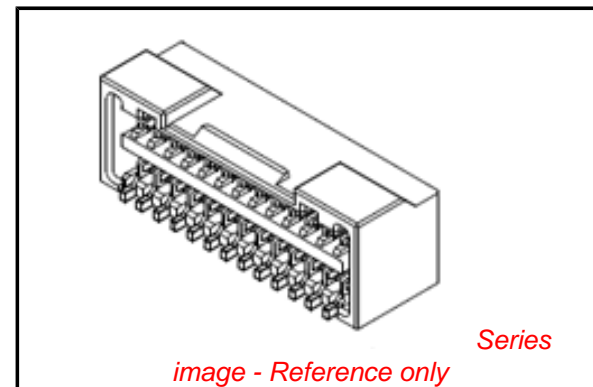


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Part Number: [504189-2470](#)
Status: **Active**
Overview: Micro-Lock™ Connectors
Description: Micro-Lock™ 1.25mm Pitch Dual-Row Right-Angle Header, Beige, 24 Circuits

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-504186-002 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-504189-001 (PDF) |
| Product Specification PS-504186-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-504186-001 (PDF) | |



General

| | |
|----------------|-------------------------------|
| Product Family | PCB Headers |
| Series | 504189 |
| Application | Wire-to-Board |
| Overview | <u>Micro-Lock™ Connectors</u> |
| Product Name | Micro-Lock™ |
| UPC | 887191185583 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 24 |
| Circuits (maximum) | 24 |
| Color - Resin | Beige |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Nickel |
| Net Weight | 1166.342/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°C 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, AS-504186-002 |
| Packaging Specification | SPK-504189-001 |
| Product Specification | PS-504186-001, RPS-504186-002, RPS-504186-004 |
| Sales Drawing | SD-504189-001, SD-504189-002 |

EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[504189Series](#)

Mates With

504186 Micro-Lock™ Wire-to-Board Crimp Housing

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