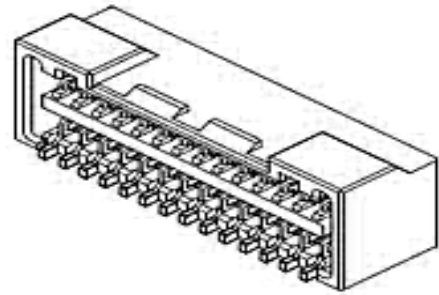




Part Number : [5041893070](#)
Series Number : 504189
Status : Active - Proprietary
Product Category : PCB Headers and Receptacles



Drawings

[5041893070_sd.pdf](#)

Specifications

[AS-504186-001-001.pdf](#)


[AS-504186-002-001.pdf](#)

[SPK-504189-001-001.pdf](#)

[PS-504186-001-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|---|
| Status | Active - Proprietary |
| Category | PCB Headers and Receptacles |
| Series | 504189 |
| Description | Micro-Lock 1.25mm Pitch Dual-Row Right-Angle Header, Beige, 30 Circuits |
| Application | Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Micro-Lock |
| UPC | 887191055626 |

Electrical

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

Physical

| | |
|--------------------------------|-------|
| Breakaway | No |
| Circuits (Loaded) | 30 |
| Circuits (maximum) | 30 |
| 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 | 1420.082/mg |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.20mm, 1.60mm |
| PC Tail Length | 3.00mm |
| Pitch - Mating Interface | 1.25mm |
| Pitch - Termination Interface | 1.25mm |
| Temperature Range - Operating | -25° to +85°C |
| Termination Interface Style | Surface Mount |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|---------------|
| 1.25mm Pitch Micro-Lock Dual Row Crimp Housings | <u>504186</u> |