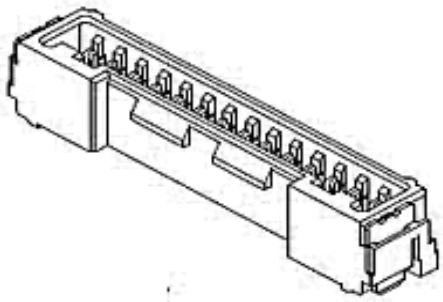
**Part Number :** 5041940770
**Series Number :** 504194
**Status :** Active - Proprietary
**Product Category :** PCB Headers and Receptacles



### Drawings

5041940770_sd.pdf

### Specifications

AS-504193-001-001.pdf

AS-504193-002-001.pdf

SPK-504194-001-001.pdf

PS-504193-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| 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)7771-DC (04 Feb 2026) |
| 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

Downloaded from Arrow.com.

- 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 | 504194 |
| Description | Micro-Lock 1.25mm Pitch Single-Row Vertical Header, Beige, 7 Circuits |
| Application | Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Micro-Lock |
| UPC | 887191206936 |

### Electrical

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

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 7 |
| Circuits (maximum) | 7 |
| 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 |

Downloaded from Arrow.com.

| | |
|---|---|
| Material - Plating Termination | Nickel |
| Net Weight | 230.845/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | No |
| 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 Single-Row Crimp Housings | 504193 |



Downloaded from Arrow.com.