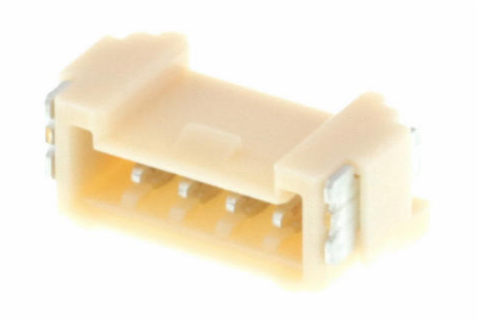
Part Number : 5041940470
Series Number : 504194
Status : Active - Proprietary
Product Category : PCB Headers and Receptacles



Drawings

5041940470_sd.pdf

Symbol and Footprint (Multi-Format)

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

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- 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	504194
Description	Micro-Lock 1.25mm Pitch Single-Row Vertical Header, Beige, 4 Circuits
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Lock
UPC	887191208244

Electrical

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

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

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Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Net Weight	161.195/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

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