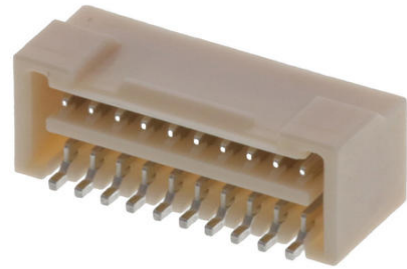




Part Number : [5041892070](#)
Series Number : 504189
Status : Active - Proprietary
Product Category : PCB Headers and Receptacles



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, 20 Circuits
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Lock
UPC	887191185606

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	986.315/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>