

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5041940670](#)
Status: **Active**
Overview: [Micro-Lock™ Connectors](#)
Description: Micro-Lock 1.25mm Pitch Single-Row Vertical Header, Beige, 6 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-504193-001-001 \(PDF\)](#)
[Application Specification AS-504193-001-001 \(PDF\)](#)
[Application Specification AS-504193-002-001 \(PDF\)](#)
[Packaging Specification SPK-504194-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

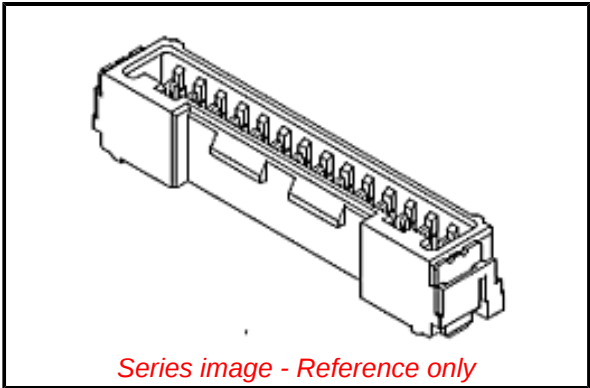
General
Product Family PCB Headers
Series [504194](#)
Application Wire-to-Board
CURRENT-MAX-NUMERIC 1.5
Overview [Micro-Lock™ Connectors](#)
PITCH-MATING-NUMERIC 1.25
Product Name Micro-Lock
UPC 887191206943

Physical
Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
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 204.650/mg
Number of Rows 1
Orientation Vertical
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° 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-504193-001-001, AS-504193-002-001
Packaging Specification SPK-504194-001-001
Product Specification PS-504193-001-001
Sales Drawing SD-504194-001, SD-504194-002



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/71/2019 (16 July
2019)
Halogen-Free
Status
Not Low-Halogen
For more information, please visit [Contact US](#)

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[504194](#) Series

Mates With
[504193](#) Micro-Lock Wire-to-Board Crimp
Housing

This document was generated on 09/16/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[504194-0670](#)