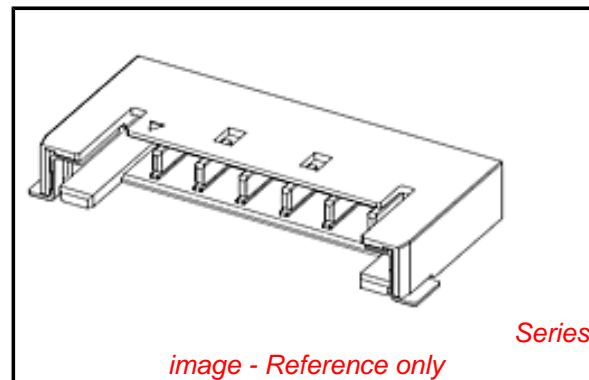


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Part Number: [504050-0691](#)
Status: **Active**
Overview: [picolock...](#)
Description: 1.50mm Pitch Pico-Lock™ Surface Mount Wire-to-Board Header, Right Angle, 2.00mm Mated Height, Positive Side Locks, 6 Circuits

Documents:

| | |
|-----------------------------------------------------------|---------------------------------------------------------------|
| 3D Model | Application Specification AS-504051-001 (PDF) |
| Drawing (PDF) | Application Specification AS-504051-002 (PDF) |
| Product Specification PS-504051-001 (PDF) | Packaging Specification SPK-504050-001 (PDF) |
| Product Specification PS-504051-002 (PDF) | RoHS Certificate of Compliance (PDF) |



Agency Certification

UL E29179

General

| | |
|----------------|-----------------------------|
| Product Family | PCB Headers |
| Series | 504050 |
| Application | Wire-to-Board |
| Overview | picolock... |
| Product Name | Pico-Lock™ |
| UPC | 884982939837 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | N/A |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold over Nickel |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 159.900/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Adhesive Tape on Reel |
| Pitch - Mating Interface | 1.50mm |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -25°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 150V |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|------------------------------|
| Application Specification | AS-504051-001, AS-504051-002 |
| Packaging Specification | SPK-504050-001 |
| Product Specification | PS-504051-001, PS-504051-002 |
| Sales Drawing | SD-504050-001, SD-504050-002 |

| | |
|--------------------------------------------------------------------------------------------------|-------------------|
| EU RoHS ELV and RoHS Compliant | China RoHS |
| REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen | |

Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[504050Series](#)

Mates With

[504051](#) Pico-Lock™ Crimp Housing

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