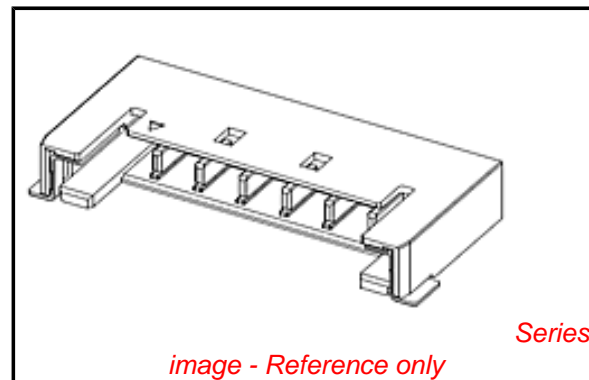


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [504050-1091](#)  
**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, 10 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-504051-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-504051-002 (PDF)</a>
<a href="#">Product Specification PS-504051-001 (PDF)</a>	<a href="#">Packaging Specification SPK-504050-001 (PDF)</a>
<a href="#">Product Specification PS-504051-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">504050</a>
Application	Wire-to-Board
Overview	<a href="#">picolock...</a>
Product Name	Pico-Lock™
UPC	884982939875

**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	226.720/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	2A
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, RPS-504051-001
Sales Drawing	SD-504050-001, SD-504050-002

<b>EU RoHS</b> <b>ELV and RoHS</b> <b>Compliant</b>	<b>China RoHS</b>
<b>REACH SVHC</b> <b>Contains SVHC: No</b> <b>Low-Halogen Status</b> <b>Low-Halogen</b>	

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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

This document was generated on 10/07/2014

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