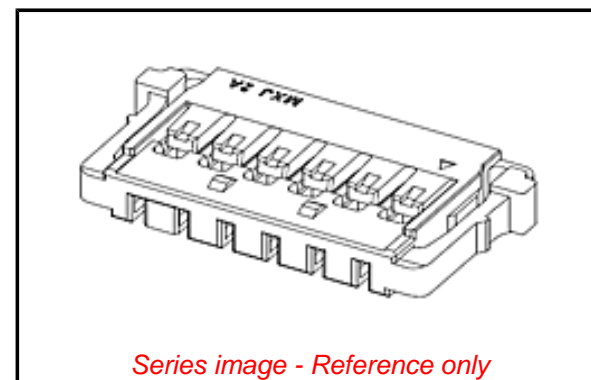


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5040510701](#)  
**Status:** **Active**  
**Overview:** Pico-Lock™ Connector System  
**Description:** 1.50mm Pitch Pico-Lock™ Crimp Housing , 2.00mm Mated Height, Positive Side Locks, 7 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-504051-001 (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	Crimp Housings
Series	<a href="#">504051</a>
Application	Wire-to-Board
Overview	<a href="#">Pico-Lock™ Connector System</a>
Product Name	Pico-Lock™
UPC	884982939905

**Physical**

Circuits (maximum)	7
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Material - Resin	High Temperature Thermoplastic
Net Weight	82.500/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.50mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

**Electrical**

Current - Maximum per Contact 3.0A

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-504051-001, AS-504051-002
Packaging Specification	SPK-504051-001
Product Specification	PS-504051-001, PS-504051-002, RPS-504051-002, RPS-504051-003, RPS-504051-004, RPS-504051-005, RPS-504051-006
Sales Drawing	SD-504051-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**Halogen-Free Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[504051 Series](#)

**Mates With**

[504050 Pico-Lock™ SMT Wire-to-Board Header](#)

**Use With**

[504052 Pico-Lock™ Crimp Terminal](#)