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**Part Number:** [5040510601](#)  
**Status:** **Active**  
**Overview:** Pico-Lock™ Connector System  
**Description:** 1.50mm Pitch Pico-Lock™ Crimp Housing, 2.00mm Mated Height, Positive Side Locks, 6 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	884982939899

**Physical**

Circuits (maximum)	6
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	73.700/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

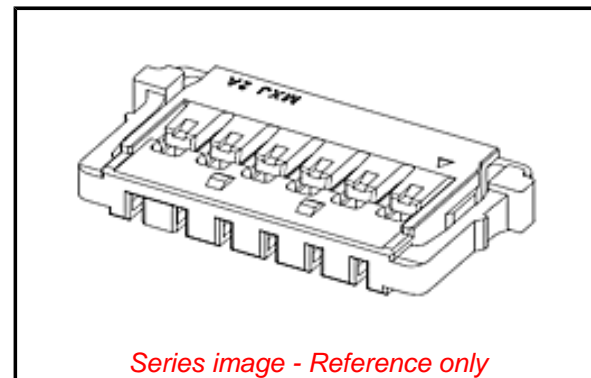
**Electrical**

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
Sales Drawing	SD-504051-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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