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**Part Number:** [5037630491](#)  
**Status:** **Active**  
**Overview:** [Pico-Lock™ Connector System](#)  
**Description:** 1.00mm Pitch Pico-Lock™ Surface Mount Header, Right Angle, 1.50mm Height, Positive Side Locks, 4 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-503764-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-503764-002 (PDF)</a>
<a href="#">Product Specification 5037640000 (PDF)</a>	<a href="#">Packaging Specification SPK-503763-001 (PDF)</a>
<a href="#">Product Specification PS-503764-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">503763</a>
Application	Wire-to-Board
Overview	<a href="#">Pico-Lock™ Connector System</a>
Product Name	Pico-Lock™
UPC	887191353838

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	SC-0
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	76.240/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1.5A
Voltage - Maximum	150V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-503764-001, AS-503764-002
Packaging Specification	SPK-503763-001
Product Specification	5037640000, PS-503764-001
Sales Drawing	SD-503763-001, SD-503763-002, SD-503764-001



*Series image - Reference only*

**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

Green Image

ELV

Not Relevant

**Search Parts in this Series**

[503763](#) Series

**Mates With**

[503764](#) Pico-Lock™ Crimp Housing

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