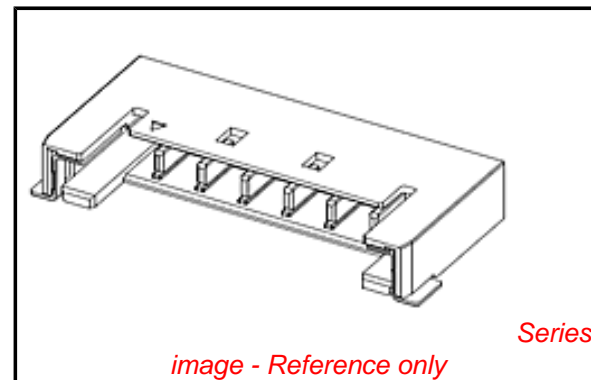


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Part Number: [504050-0791](#)
Status: **Active**
Description: Pico-Lock™ SMT Wire-to-Board Header, Right Angle, 2.00mm Mated Height, Positive Side Locks, 7 Circuits

Documents:

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



General

Product Family	PCB Headers
Series	504050
Application	Wire-to-Board
Product Name	Pico-Lock™
UPC	884982939851

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	176.580/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	3A
Voltage - Maximum	150V

Material Info

Reference - Drawing Numbers

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

EU RoHS

**ELV and RoHS
Compliant**

**REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen**

China RoHS



**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.

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[504050Series](#)

Mates With

[504051](#) Pico-Lock™ Crimp Housing