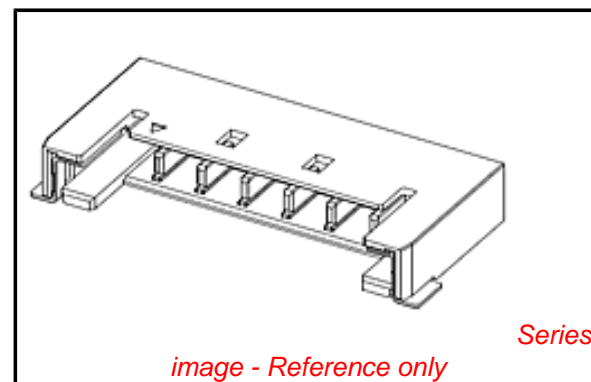


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Part Number: [504050-1091](#)
Status: **Active**
Description: Pico-Lock™ SMT Wire-to-Board Header, Right Angle, 2.00mm Mated Height, Positive Side Locks, 10 Circuits

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	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	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, RPS-504051-001
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 
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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.

Search Parts in this Series

[504050Series](#)

Mates With

[504051](#) Pico-Lock™ Crimp Housing