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Part Number: [5040500391](#)
Status: **Active**
Overview: [Pico-Lock Connector System](#)
Description: 1.50mm Pitch, Pico-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Positive Lock, 3 Circuits, Tape and Reel

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model \(PDF\)](#) [Product Literature \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family PCB Headers
Series [504050](#)
Application Signal, Wire-to-Board
Comments See Molex product specification PS-504051-001 for additional current de-rating information
Overview [Pico-Lock Connector System](#)
Product Name Pico-Lock
UPC 191128805049

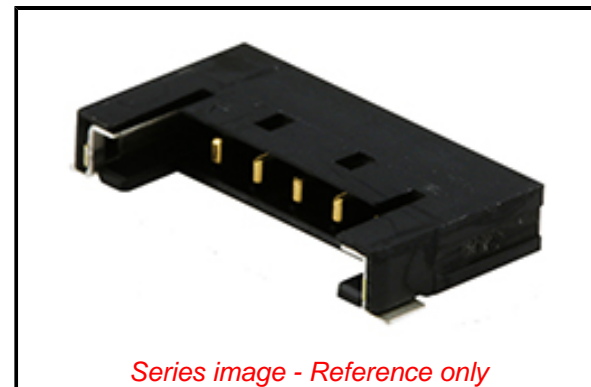
Physical

Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Black
Durability (mating cycles max) 30
First Mate / Last Break No
Glow-Wire Capable No
Guide to Mating Part No
Keying to Mating Part N/A
Lock to Mating Part Yes
Mated Height 2.00mm
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Resin High Temperature Thermoplastic
Net Weight 109.960/mg
Number of Rows 1
Orientation Right Angle
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 1.50mm
Pitch - Termination Interface 1.50mm
Plating min - Mating 0.100µm
Polarized to Mating Part Yes
Shrouded Yes
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -40° to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 3.5A
Voltage - Maximum 150V AC (RMS)/DC

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[504050 Series](#)

Mates With

Pico-Lock Crimp Housing [504051](#)
Pico-Lock Cable Assembly [15132](#)

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