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Part Number: [5040500891](#)
Status: **Active**
Overview: Pico-Lock™ Connector System
Description: 1.50mm Pitch Pico-Lock™ Surface Mount Wire-to-Board Header, Right Angle, 2.00mm Mated Height, Positive Side Locks, 8 Circuits

Documents:

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

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [504050](#)
 Application Wire-to-Board
 Overview Pico-Lock™ Connector System
 Product Name Pico-Lock™
 UPC 887191259239

Physical

Breakaway No
 Circuits (Loaded) 8
 Circuits (maximum) 8
 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
 Mated Height 2.00mm
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Material - Resin High Temperature Thermoplastic
 Net Weight 193.360/mg
 Number of Rows 1
 Orientation Right Angle
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 1.50mm
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Surface Mount

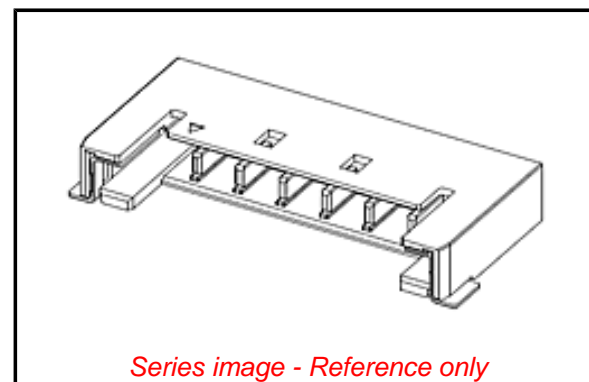
Electrical

Current - Maximum per Contact 2.0A
 Voltage - Maximum 150V

Material Info

Reference - Drawing Numbers

Sales Drawing SD-504050-001, SD-504050-002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

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 environmental compliance?**

Email productcompliance@molex.com
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 non-product compliance questions.

China ROHS
 ELV

Green Image
 Not Relevant

Search Parts in this Series

[504050 Series](#)

Mates With

[504051 Pico-Lock™ Crimp Housing](#)