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Part Number: 5019530405

Status: Active

Overview: Pico-Clasp Wire-to-Board Connectors

Description: 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount,

0.10µm Gold Plated, Outer Positive Lock, 4 Circuits, Natural

Documents:

3D ModelProduct Specification 5019391000-PS-CHI-001 (PDF)Drawing (PDF)Product Specification 5019391000-PS-JAP-001 (PDF)3D Model (PDF)Application Specification 5013300000-AS-000 (PDF)

Product Specification 5019390000-PS-001 (PDF)

Packaging Specification 5019539200-200 (PDF)

Product Specification 5019391000-PS-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family PCB Headers
Series 501953

Application Signal, Wire-to-Board

Overview <u>Pico-Clasp Wire-to-Board Connectors</u>

Product Name Pico-Clasp UPC 889056179645

Physical

Breakaway No Circuits (Loaded) 4 Circuits (maximum) 4 Color - Resin Natural Durability (mating cycles max) 30 First Mate / Last Break No Glow-Wire Capable No Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes Mated Height 4.75mm

Material - Metal Phosphor Bronze

Material - Plating Mating
Material - Plating Termination
Gold
Material - Resin
Nylon
Net Weight
132.144/mg

Number of Rows 1

Orientation Right Angle

PCB Locator No PCB Retention Yes

Packaging Type Embossed Tape on Reel

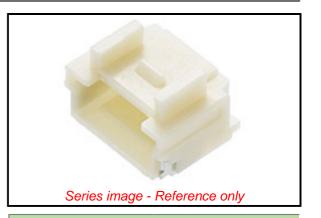
Pitch - Mating Interface 1.00mm
Plating min - Mating 0.102µm
Plating min - Termination 0.051µm
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Fully
Stackable No

Temperature Range - Operating -40° to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1.5A

Voltage - Maximum 100V AC (RMS)/DC



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant REACH SVHC Not Contained Per -D(2021)10043-DC (17

Jan 2022) <u>Halogen-Free</u>

Status

Not Low-Halogen

For more information, please visit Contact US

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

501953 Series

Mates With

Pico-Clasp Female Housing 501939

Material Info

Reference - Drawing Numbers

Application Specification Packaging Specification Product Specification

Sales Drawing

5013300000-AS-000 5019539200-200

5019390000-PS-001, 5019391000-PS-001, 5019391000-PS-CHI-001, 5019391000-PS-JAP-001

5019530305-SD-000, 5019530306-SD-000

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