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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 Model	Product 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	Pico-Clasp Wire-to-Board Connectors
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	Gold
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

Halogen-Free

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	5013300000-AS-000
Packaging Specification	5019539200-200
Product Specification	5019390000-PS-001, 5019391000-PS-001, 5019391000-PS-CHI-001, 5019391000-PS-JAP-001
Sales Drawing	5019530305-SD-000, 5019530306-SD-000

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