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Part Number: **5019530505**
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, 5 Circuits, Natural

Documents:

Drawing (PDF)	Product Specification 5019391000-PS-JAP-001 (PDF)
3D Model (PDF)	Application Specification 5013300000-AS-000 (PDF)
3D Model	Packaging Specification 5019539200-200 (PDF)
Product Specification 5019390000-PS-001 (PDF)	Datasheet (PDF)
Product Specification 5019391000-PS-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5019391000-PS-CHI-001 (PDF)	

General

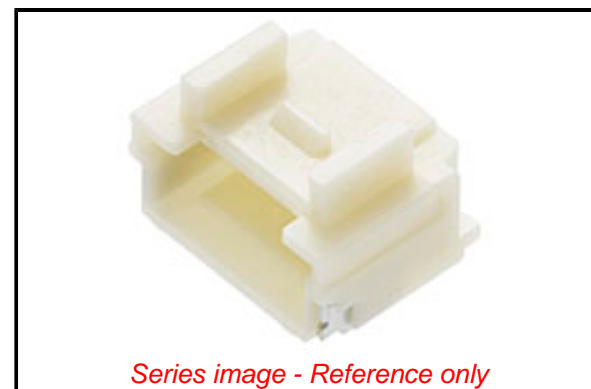
Product Family	PCB Headers
Series	501953
Application	Signal, Wire-to-Board
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
Taxonomy	PCB Headers and Receptacles
UPC	889056070614

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	149.630/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
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not 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

[501953 Series](#)

Mates With

[Pico-Clasp Female Housing 501939](#)

Voltage - Maximum

100V AC (RMS)/DC

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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