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Part Number: [5019530407](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, 1.01µm Tin Plated, Outer Positive Lock, 4 Circuits, Natural

Documents:

Drawing (PDF)	Product Specification PS-501940-001-001 (PDF)
3D Model (PDF)	Application Specification 5013300000-AS-000 (PDF)
3D Model	Packaging Specification 5019539200-200 (PDF)
Product Specification 5019400000-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5019401001-PS-001 (PDF)	

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	501953
Application	Signal, Wire-to-Board
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	822350294140

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	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	130.200/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	1.016µm
Plating min - Termination	1.016µm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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](#)

Current - Maximum per Contact
Voltage - Maximum

1.5A
100V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

5013300000-AS-000

Packaging Specification

5019539200-200

Product Specification

5019400000-000, 5019401001-PS-001,
PS-501940-001-001

Sales Drawing

5019530000-SD-000, SD-501953-001-001,
SD-501953-001-002, SD-501953-002-001,
SD-501953-002-002, SD-501953-002-003,
SD-501953-003-001, SD-501953-003-002,
SD-501953-004-001, SD-501953-004-002,
SD-501953-004-003

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