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Part Number:

5019530507

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, with Outer Positive Lock, 5 Circuits, Natural

Documents:

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

Agency Certification

UL	E29179
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General

Product Family	PCB Headers
Series	501953
3D Viewer	Yes
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	1.0
Overview	Pico-Clasp Wire-to-Board Connectors
PITCH-MATING-NUMERIC	1.00
Product Name	Pico-Clasp
UPC	822350294133

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	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	147.200/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	5013300000-AS-000
Packaging Specification	5019539200-200
Product Specification	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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