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Part Number: [5019400307](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Vertical, Surface Mount, 1.01µm Tin Plated, Outer Positive Lock, 3 Circuits, Natural

Documents:

3D Model (PDF)	Product Specification PS-501940-001-001 (PDF)
3D Model	Application Specification 5013300000-AS-000 (PDF)
Drawing (PDF)	Packaging Specification SPK-501940-001-001 (PDF)
Product Specification 5019391000-PS-CHI-001 (PDF)	Datasheet (PDF)
Product Specification 5019391000-PS-JAP-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5019401001-PS-001 (PDF)	

General

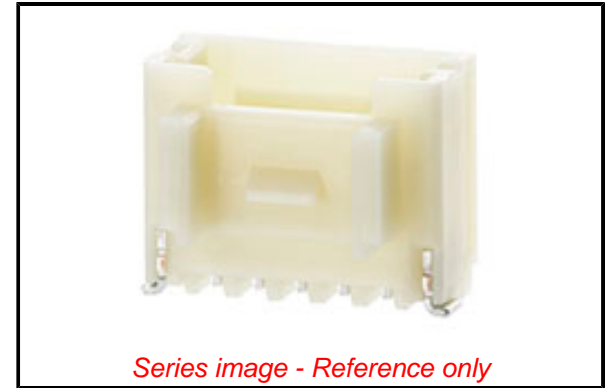
Product Family	PCB Headers
Series	501940
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
Taxonomy	PCB Headers and Receptacles
UPC	822350287050

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	104.600/mg
Number of Rows	1
Orientation	Vertical
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

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

[501940 Series](#)

Mates With

[Pico-Clasp Housing 501939](#)

Voltage - Maximum

100V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

5013300000-AS-000

Packaging Specification

SPK-501940-001-001

Product Specification

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

5019401001-PS-001, PS-501940-001-001

Sales Drawing

5019400000-SD-000

This document was generated on 01/04/2023

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