



**Part Number :** [5019390300](#)

**Product Description :** 1.00mm Pitch, Pico-Clasp  
Low-Halogen Receptacle Crimp Housing, Single Row,  
Outer Positive Lock, 3 Circuits, White

**Series Number :** 501939

**Status :** Active

**Product Category :** Connector Housings

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## Documents & Resources

### Drawings

[5019390300\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[5019390300.dxf](#)

### Specifications

[5013300000-AS-000.pdf](#)

[5013300000-AS-001.pdf](#)

[SPK-501939-001-001.pdf](#)

[5019390000-PS-001.pdf](#)

[5019390000-PS-002.pdf](#)

[5019390000-PS-003.pdf](#)

[5019391000-PS-001.pdf](#)

[5019391000-PS-002.pdf](#)

[5019391000-PS-003.pdf](#)

[5019391000-PS-CHI-001.pdf](#)

[5019391000-PS-JAP-001.pdf](#)

[5019401001-PS-001.pdf](#)

[5019401001-PS-CHI-001.pdf](#)

[5019401001-PS-JAP-001.pdf](#)

[5019401001-PS-KOR-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	501939
Description	1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Single Row, Outer Positive Lock, 3 Circuits, White

Application	Signal, Wire-to-Board
Product Name	Pico-Clasp
UPC	822350286947

### Agency

UL	E29179
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### Physical

Circuits (maximum)	3
Color - Resin	White
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	42.300/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

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### Mates With / Use With

#### Mates with Part(s)

Description	Part Number
Pico-Clasp Vertical, Single Row, Surface Mount Headers	<u>203560</u>
Pico-Clasp Vertical, Single Row, Surface Mount Headers	<u>203561</u>
Pico-Clasp Vertical Single Row Headers	<u>501940</u>
Pico-Clasp Right-Angle, Single Row,	

Surface Mount Headers	<u>203562</u>
Pico-Clasp Right-Angle, Single Row, Surface Mount Headers	<u>203563</u>
Pico-Clasp Right-Angle Single Row Headers	<u>501953</u>
Pico-Clasp Vertical, Single Row, Surface Mount, Low-Halogen Headers	<u>208383</u>
Pico-Clasp Right-Angle, Single Row, Surface Mount, Low-Halogen Headers	<u>208385</u>

### Use with Part(s)

Description	Part Number
Pico-Clasp Female Crimp Terminals	<u>501193</u>
Pico-Clasp Female Crimp Terminals	<u>501334</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Pico-Clasp Wire-to-Board Terminals, 32-28 AWG	<u>638131700</u>