

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5019390500**
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Single Row, Outer Positive Lock, 5 Circuits, White

Documents:

2D Drawing DXF (PDF)	Product Specification 5019391000-PS-003 (PDF)
Drawing (PDF)	Product Specification 5019391000-PS-CHI-001 (PDF)
3D Model (PDF)	Product Specification 5019391000-PS-JAP-001 (PDF)
3D Model	Product Specification 5019401001-PS-001 (PDF)
2D Drawing (DXF)	Product Specification PS-501940-001-001 (PDF)
Product Specification 5019390000-PS-001 (PDF)	Application Specification 5013300000-AS-000 (PDF)
Product Specification 5019390000-PS-002 (PDF)	Application Specification 5013300000-AS-001 (PDF)
Product Specification 5019390000-PS-003 (PDF)	Packaging Specification SPK-501939-001-001 (PDF)
Product Specification 5019391000-PS-001 (PDF)	Datasheet (PDF)
Product Specification 5019391000-PS-002 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

Application tooling part link

Application Tooling Part Link 63813-1700

General

Product Family	Crimp Housings
Series	501939
Application	Signal, Wire-to-Board
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
Taxonomy	Connector Housings
UPC	822350286961

Physical

Circuits (maximum)	5
Color - Resin	White
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	61.100/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

Material Info

Reference - Drawing Numbers

Application Specification	5013300000-AS-000, 5013300000-AS-001
Packaging Specification	SPK-501939-001-001
Product Specification	5019390000-PS-001, 5019390000-PS-002, 5019390000-PS-003, 5019391000-PS-001,



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

501939 Series

Mates With

Pico-Clasp Vertical Header [501940](#) , [203560](#) , [203561](#) . Pico-Clasp Right-Angle Header [501953](#) , [203562](#) , [203563](#)

Use With

Pico-Clasp Female Terminal [501334](#) (Tin), [501193](#) (Gold)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Extraction Tool for Pico-Clasp Wire-to-Board Terminals, 28-32 AWG	638131700
---	---------------------------

Sales Drawing

5019391000-PS-002, 5019391000-PS-003,
5019391000-PS-CHI-001, 5019391000-PS-JAP-001,
5019401001-PS-001, PS-501940-001-001
5019390000-SD-000

This document was generated on 09/29/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION