

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2023961507](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, 0.10µm Gold Plated, Inner Positive Lock, 15 Circuits, Natural

Documents:

3D Model (PDF)	Product Specification 5013301000-PS-JAP-002 (PDF)
Drawing (PDF)	Application Specification 5013300000-AS-000 (PDF)
3D Model	Packaging Specification 2023969200-200 (PDF)
Product Specification 5013300000-PS-002 (PDF)	Datasheet (PDF)
Product Specification 5013301000-PS-002 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5013301000-PS-CHI-002 (PDF)	

General

Product Family	PCB Headers
Series	202396
Application	Signal, Wire-to-Board
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
Taxonomy	PCB Headers and Receptacles
UPC	889056816212

Physical

Breakaway	No
Circuits (Loaded)	15
Circuits (maximum)	15
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	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	289.600/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	0.100µm
Plating min - Termination	0.051µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	100V AC (RMS)/DC



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

[202396 Series](#)

Mates With

[Pico-Clasp Female Housing 501330](#)

Material Info

Reference - Drawing Numbers

Application Specification	5013300000-AS-000
Packaging Specification	2023969200-200
Product Specification	5013300000-PS-002, 5013301000-PS-002, 5013301000-PS-CHI-002, 5013301000-PS-JAP-002
Sales Drawing	2023960000-SD-000

This document was generated on 09/01/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION