

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5019530327](#)
Status: **Active**
Overview:
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, 0.10µm Gold Plated, Outer Positive Lock, 3 Circuits, Red

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [501953](#)
 Application Signal, Wire-to-Board
 Overview picoclap
 Product Name Pico-Clasp
 UPC 800756912271

Physical

Breakaway No
 Circuits (Loaded) 3
 Circuits (maximum) 3
 Color - Resin Red
 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 Gold
 Material - Plating Termination Gold
 Material - Resin Nylon
 Net Weight 111.040/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 0.102µm
 Plating min - Termination 0.051µm
 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
 Voltage - Maximum 100V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification 5013300000-AS-000
 Packaging Specification SPK-501953-002-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

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](#)

Product Specification
Sales Drawing

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

This document was generated on 10/05/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION