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Part Number: [5011904017](#)
Status: **Active**
Overview: Pico-Clasp™ Wire-to-Board Connectors
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board Header, Surface Mount, Dual Row, Vertical, Gold Plated, with Inner Positive Lock, with Pick-and-Place Tape, 40 Circuits

Documents:

3D Model	Product Specification PS-501190-003-001 (PDF)
Drawing (PDF)	Product Specification PS-501190-004-001 (PDF)
Product Specification 5011890000-A00 (PDF)	Packaging Specification SPK-501190-001-001 (PDF)
Product Specification 5011890000-A01 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-501190-001-001 (PDF)	

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	501190
Application	Signal, Wire-to-Board
Overview	Pico-Clasp™ Wire-to-Board Connectors
Product Name	Pico-Clasp™
UPC	822348790180

Physical

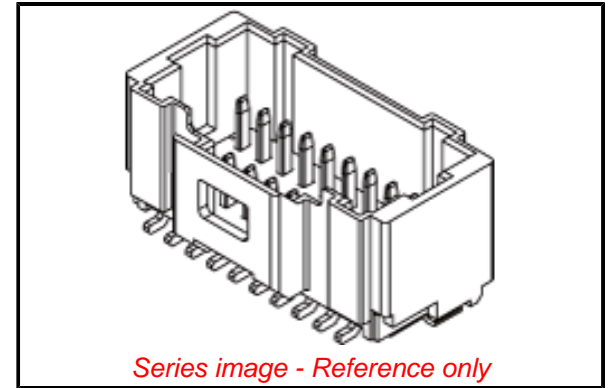
Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	532.100/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Tape
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501190 Series](#)

Mates With

[501189 Pico-Clasp™ Wire-to-Board Female Housing](#)

Packaging Specification
Product Specification

Sales Drawing

SPK-501190-001-001
5011890000-A00, 5011890000-A01,
PS-501190-001-001, PS-501190-003-001,
PS-501190-004-001
SD-501190-003, SD-501190-004

This document was generated on 03/27/2017

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