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Part Number:

5011902027

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, 20 Circuits

- Documents:
- 3D Model

Product Specification PS-501190-001-001 (PDF)
- Drawing (PDF)

Product Specification PS-501190-004-001 (PDF)
- Product Specification 5011890000-A00 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification 5011890000-A01 (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Headers

Series

501190

Application

Signal, Wire-to-Board

Comments

Without Pick-and-Place Tape

Overview

Pico-Clasp™ Wire-to-Board Connectors

Product Name

Pico-Clasp™

UPC

822350003643

Physical

Breakaway

No

Circuits (Loaded)

20

Circuits (maximum)

20

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

315.600/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

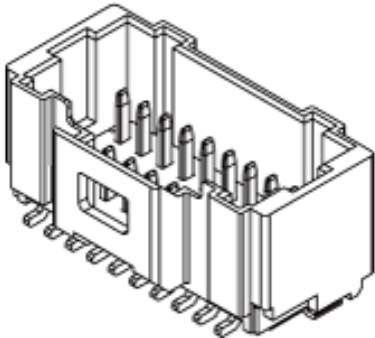
1.0A

Voltage - Maximum

50V

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China 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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

501190 Series

Mates With

501189 Pico-Clasp™ Wire-to-Board Female Housing

Product Specification

Sales Drawing

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

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