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Part Number:

5040501091

Status:

Active

Overview:

Pico-Lock Connector System

Description:

1.50mm Pitch, Pico-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Positive Lock, 10 Circuits, Tape and Reel

Documents:

- [Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[3D Model](#)

[Product Specification 5040511001-PS-000 \(PDF\)](#)

[Product Specification PS-504051-001-001 \(PDF\)](#)
- [Application Specification AS-504051-001-001 \(PDF\)](#)

[Packaging Specification SPK-504050-001-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

504050

Application

Signal, Wire-to-Board

Overview

Pico-Lock Connector System

Product Name

Pico-Lock

Taxonomy

PCB Headers and Receptacles

UPC

884982939875

Physical

Breakaway

No

Circuits (Loaded)

10

Circuits (maximum)

10

Color - Resin

Black

Durability (mating cycles max)

30

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

N/A

Lock to Mating Part

Yes

Mated Height

2.00mm

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Resin

High Temperature Thermoplastic

Net Weight

226.720/mg

Number of Rows

1

Orientation

Right Angle

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface

1.50mm

Pitch - Termination Interface

1.50mm

Plating min - Mating

0.100µm

Polarized to Mating Part

Yes

Shrouded

Yes

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Surface Mount

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[504050](#) Series

Mates With

Pico-Lock Crimp Housing [504051](#)
Pico-Lock Cable Assembly [15132](#)

Current - Maximum per Contact

2.0A

Voltage - Maximum

150V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-504051-001-001

Packaging Specification

SPK-504050-001-001

Product Specification

5040511001-PS-000, PS-504051-001-001

Sales Drawing

5040500000-SD-000, 5040500000-SD-001

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