

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5040500291

Status:

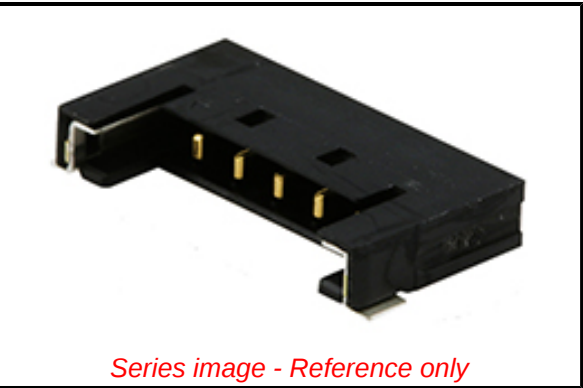
Active

Overview:

Pico-Lock Connector System

Description:

1.50mm Pitch, Pico-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Gold over Nickel Plating, Positive Lock, 2 Circuits, Tape and Reel



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

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

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

[Product Literature \(PDF\)](#)

General	
Product Family	PCB Headers
Series	504050
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	3.5
Comments	See Molex product specification PS-504051-001 for additional current de-rating information, See Molex product specification PS-504051-001 for additional current de-rating information
Overview	Pico-Lock Connector System
PITCH-MATING-NUMERIC	1.50
Product Literature Order No	987650-9061
Product Name	Pico-Lock
UPC	191128805025
Physical	
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
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 over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	93.180/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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
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

504051 Pico-Lock Crimp Housing

Current - Maximum per Contact

3.5A

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

PS-504051-001-001

Sales Drawing

5040500000-SD-000, 5040500000-SD-001

This document was generated on 09/27/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION