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Part Number:

5040500391

Status:

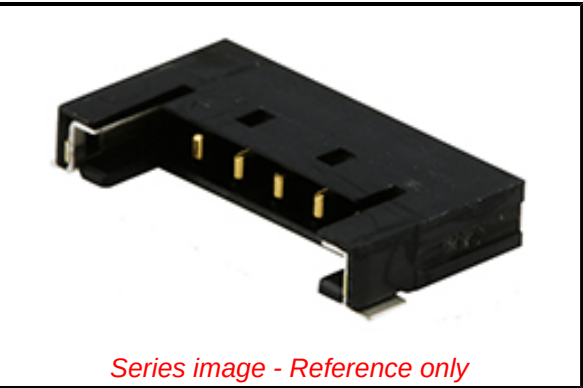
Active

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, 3 Circuits, Tape and Reel



Series image - Reference only

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                            | 191128805049                                                                                                                                                                           |
| Physical                       |                                                                                                                                                                                        |
| Breakaway                      | No                                                                                                                                                                                     |
| Circuits (Loaded)              | 3                                                                                                                                                                                      |
| Circuits (maximum)             | 3                                                                                                                                                                                      |
| 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                     | 109.960/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 <a href="#">Contact US</a> |               |
| 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

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