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Part Number:

5054331491

Status:

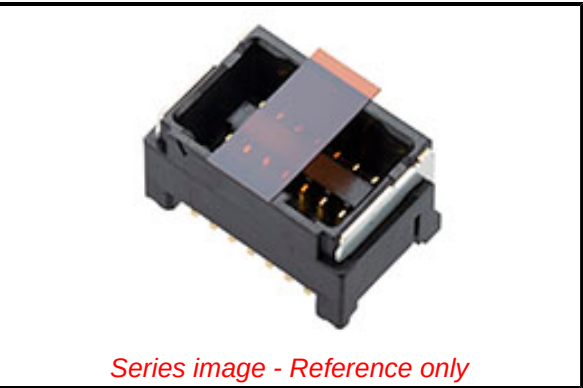
Active

Overview:

Micro-Lock Plus Wire-to-Board Connector System

Description:

1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Vertical, Surface Mount, 0.10µm Gold Plating, Positive Lock, 14 Circuits, with Pick-and-Place Polyimide Tape, Black



Series image - Reference only

|                                                               |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| Documents:                                                    |                                                                   |
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification AS-505432-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification 5054339200-200 (PDF)</a>      |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Datasheet (PDF)</a>                                   |
| <a href="#">Product Specification 5054320000-006 (PDF)</a>    | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| <a href="#">Product Specification 5054321000-PS-006 (PDF)</a> |                                                                   |

|                                |                                                |
|--------------------------------|------------------------------------------------|
| General                        |                                                |
| Product Family                 | PCB Headers                                    |
| Series                         | 505433                                         |
| Application                    | Signal, Wire-to-Board                          |
| Overview                       | Micro-Lock Plus Wire-to-Board Connector System |
| Product Name                   | Micro-Lock Plus                                |
| UPC                            | 193264133161                                   |
| Physical                       |                                                |
| Breakaway                      | No                                             |
| Circuits (Loaded)              | 14                                             |
| Circuits (maximum)             | 14                                             |
| 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          | None                                           |
| Lock to Mating Part            | Yes                                            |
| Material - Metal               | Brass                                          |
| Material - Plating Mating      | Gold                                           |
| Material - Plating Termination | Gold                                           |
| Material - Resin               | Polyamide                                      |
| Net Weight                     | 841.060/mg                                     |
| Number of Rows                 | 2                                              |
| Orientation                    | Vertical                                       |
| PCB Locator                    | No                                             |
| PCB Retention                  | Yes                                            |
| Packaging Type                 | Embossed Tape on Reel                          |
| Pitch - Mating Interface       | 1.25mm                                         |
| Pitch - Termination Interface  | 1.25mm                                         |
| Plating min - Mating           | 0.102µm                                        |
| Polarized to Mating Part       | Yes                                            |
| Polarized to PCB               | Yes                                            |
| Robotic Placement              | Vacuum Pick-Up Tape                            |
| Stackable                      | No                                             |
| Temperature Range - Operating  | -40° to +105°C                                 |
| Termination Interface: Style   | Surface Mount                                  |
| Electrical                     |                                                |
| Current - Maximum per Contact  | 1.5A                                           |
| Voltage - Maximum              | 50V AC (RMS)/DC                                |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not 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

505433 Series

Mates With

Micro-Lock Plus Receptacle Housing 505432

**Material Info**

**Reference - Drawing Numbers**

|                           |                                   |
|---------------------------|-----------------------------------|
| Application Specification | AS-505432-001-001                 |
| Packaging Specification   | 5054339200-200                    |
| Product Specification     | 5054320000-006, 5054321000-PS-006 |
| Sales Drawing             | 5054330003-SD-000                 |

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