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Part Number:

0535170830

Status:

Active

Overview:

Mini-Lock Wire-to-Board Connector System

Description:

2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole, Matte Tin Plating, Positive Lock, 8 Circuits, with Potting Capability, Tray, 3.50mm PC Tail Length, Natural

- Documents:
- 3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification 511030000-PS-000 (PDF)

Product Specification 511630000-PS-000 (PDF)

Product Specification 511631000-PS-000 (PDF)

Packaging Specification 535179200-SPK-200 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| Agency Certification           |                                                    |
| UL                             | E29179                                             |
| General                        |                                                    |
| Product Family                 | PCB Headers                                        |
| Series                         | 53517                                              |
| Application                    | Signal, Wire-to-Board                              |
| Comments                       | GWT performed on end product as per IEC 60695-2-11 |
| Component Type                 | PCB Header                                         |
| Overview                       | Mini-Lock Wire-to-Board Connector System           |
| Product Name                   | Mini-Lock                                          |
| Taxonomy                       | PCB Headers and Receptacles                        |
| UPC                            | 191128828642                                       |
| Physical                       |                                                    |
| Breakaway                      | No                                                 |
| Circuits (Loaded)              | 8                                                  |
| Circuits (maximum)             | 8                                                  |
| Color - Resin                  | Natural                                            |
| Durability (mating cycles max) | 30                                                 |
| Glow-Wire Capable              | Yes - see comments above                           |
| Keying to Mating Part          | None                                               |
| Lock to Mating Part            | Yes                                                |
| Material - Metal               | Copper Alloy                                       |
| Material - Plating Mating      | Matte Tin                                          |
| Material - Resin               | Polyamide                                          |
| Net Weight                     | 1737.942/mg                                        |
| Number of Rows                 | 1                                                  |
| Orientation                    | Vertical                                           |
| PC Tail Length                 | 3.50mm                                             |
| PCB Locator                    | Yes                                                |
| PCB Retention                  | Yes                                                |
| PCB Thickness - Recommended    | 1.60mm                                             |
| Packaging Type                 | Tray                                               |
| Pitch - Mating Interface       | 2.50mm                                             |
| Plating min - Mating           | 1.000µm                                            |
| Polarized to Mating Part       | Yes                                                |
| Polarized to PCB               | Yes                                                |
| Shrouded                       | Fully                                              |
| Stackable                      | No                                                 |
| Temperature Range - Operating  | -55° to +105°C                                     |
| Termination Interface: Style   | Through Hole - Kinked Pin                          |



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

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

53517 Series

Mates With

Mini-Lock Receptacle 51163 . Mini-Lock Cable Assembly 15137

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 3.5A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                                                      |
|-------------------------|------------------------------------------------------|
| Packaging Specification | 535179200-SPK-200                                    |
| Product Specification   | 511030000-PS-000, 511630000-PS-000, 511631000-PS-000 |
| Sales Drawing           | 535170000-SD-001                                     |

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