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Part Number: [0535170930](#)
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, 9 Circuits, Tray, 3.50mm PC Tail Length, Natural

Documents:

| | |
|--|---|
| 3D Model | Product Specification 511631000-PS-000 (PDF) |
| 3D Model (PDF) | Packaging Specification 535179200-SPK-200 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 511030000-PS-000 (PDF) | Product Literature (PDF) |
| Product Specification 511630000-PS-000 (PDF) | |

Agency Certification

UL E29179

General

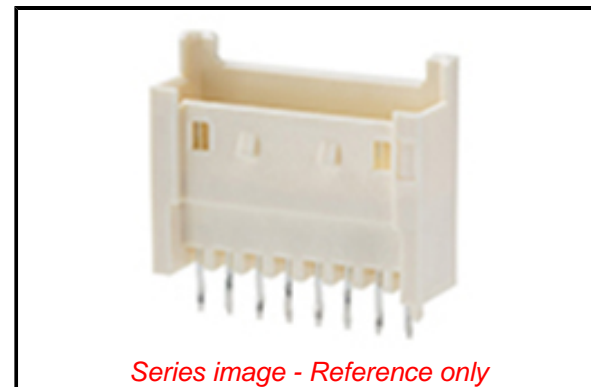
| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 53517 |
| Application | Signal, Wire-to-Board |
| Comments | GWT performed on end product as per IEC 60695-2-11 |
| Overview | Mini-Lock Wire-to-Board Connector System |
| Product Name | Mini-Lock |
| UPC | 191128828666 |

Physical

| | |
|--------------------------------|---------------------------|
| Breakaway | No |
| Circuits (Loaded) | 9 |
| Circuits (maximum) | 9 |
| 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 | 1906.914/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 | -40° to +105°C |
| Termination Interface: Style | Through Hole - Kinked Pin |

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU 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 [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[53517 Series](#)

Mates With

Mini-Lock Receptacle [51163](#) . Mini-Lock
Cable Assembly [15137](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

535179200-SPK-200

511030000-PS-000, 511630000-PS-000, 511631000-
PS-000

535170000-SD-001

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[5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-](#)
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