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**Part Number:** [0535170630](#)  
**Status:** **Active**  
**Overview:** [Mini-Lock Wire-to-Board Connector System](#)  
**Description:** 2.50mm Pitch Mini-Lock Wire-to-Board PCB Header, Vertical, 6 Circuits, with Kinked PC Tails, Glow-Wire Capable, Natural

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 511630000-PS-000 \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Packaging Specification 535179200-SPK-200 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">53517</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Mini-Lock Wire-to-Board Connector System</a>
Product Literature Order No	987651-9241
Product Name	Mini-Lock
UPC	191128828604

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Resin	Polyamide
Net Weight	1400.093/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

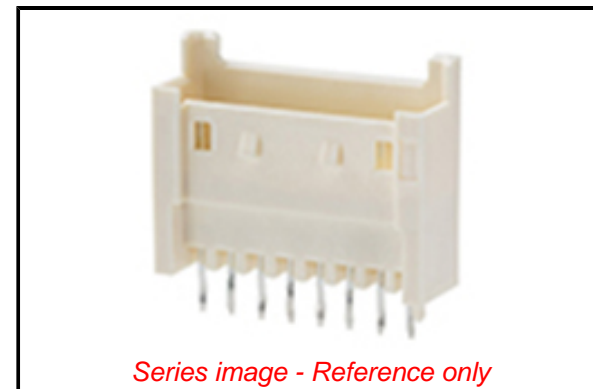
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	535179200-SPK-200
Product Specification	511630000-PS-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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**

[Crimp Housing 51163](#)

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