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**Part Number:** **0533751210**  
**Status:** **Active**  
**Overview:** Mini-Lock Wire-to-Board Connector System  
**Description:** 2.50mm Pitch Mini-Lock Wire-to-Board Header, Vertical, Positive Lock, 12 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 533759200-SPK-200 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51103-005-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-51163-002-001 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

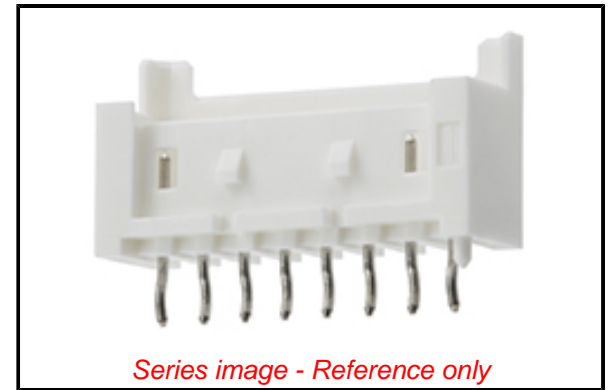
**General**

Product Family	PCB Headers
Series	<u>53375</u>
Application	Signal, Wire-to-Board
Overview	<u>Mini-Lock Wire-to-Board Connector System</u>
Product Literature Order No	987651-9241
Product Name	Mini-Lock
UPC	800754366410

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1275.000/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**Electrical**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

53375 Series

**Mates With**

Mini-Lock Wire-to-Board and Wire-to-Wire  
Crimp Terminal 51103 , 51163

Current - Maximum per Contact 3.0A  
Voltage - Maximum 250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification 533759200-SPK-200  
Product Specification PS-51103-005-001, PS-51163-002-001  
Sales Drawing SD-53375-001

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