

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0534261210](#)  
**Status:** **Active**  
**Overview:** Mini-Lock Wire-to-Board Connector System  
**Description:** 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Right-Angle, Through Hole, Tin Plating, Positive Lock, 12 Circuits, Tray, 3.40mm PC Tail Length

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51103-005-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-53426-002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 511630000-PS-000 (PDF)</a>	<a href="#">Product Literature (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

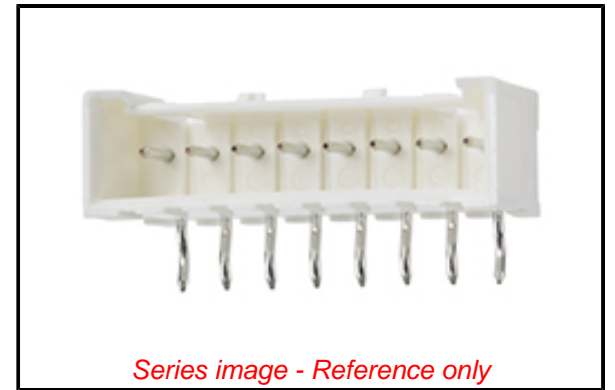
Product Family	PCB Headers
Series	<a href="#">53426</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Mini-Lock Wire-to-Board Connector System</a>
Product Name	Mini-Lock
UPC	800753446946

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	White
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	1519.100/mg
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.40mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**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**

[53426](#) Series

**Mates With**

Mini-Lock Receptacle Housing [51103](#) ,  
[51163](#) <br>Mini-Lock Cable Assembly  
[15137](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification

SPK-53426-002-001  
511630000-PS-000, PS-51103-005-001

This document was generated on 02/21/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**