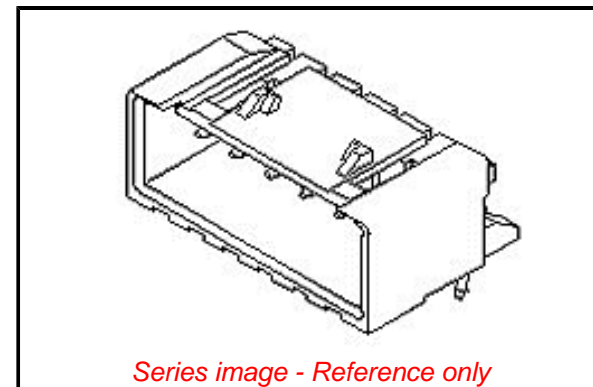


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**Part Number:** [0534261210](#)  
**Status:** **Active**  
**Overview:** Mini-Lock™ Wire-to-Board Connector System  
**Description:** 2.50mm Pitch Mini-Lock™ Wire-to-Board Header, Right Angle, Friction and Positive Lock, 12 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51163-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-53426-002-001 (PDF)</a>
<a href="#">Product Specification PS-51102-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51103-005-001 (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 Compliant	No
Keying to Mating Part	Yes
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 PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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

**Material Info**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[53426 Series](#)

**Mates With**

[51102](#) Housing with Friction Lock, [51103](#)  
Housing with Positive Lock, [51163](#) , [51164](#)  
Housing with Positive Lock and Retainer,  
[50351](#) Crimp Terminal, [50752](#) Crimp  
Terminal

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

SPK-53426-002-001

PS-51102-002-001, PS-51103-005-001,

PS-51163-002-001

SD-53426-001

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