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Part Number: [53426-0510](#)
Status: **Active**
Overview: [Mini-Lock™](#)
Description: 2.50mm Pitch Mini-Lock™ Wire-to-Board Header, Right Angle, Friction and Positive Lock, 5 Circuits, Lead-Free

Documents:

- | | |
|--|---|
| 3D Model | Product Specification PS-51163-002 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-53426-002 (PDF) |
| Product Specification PS-51102-002 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51103-005 (PDF) | |

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

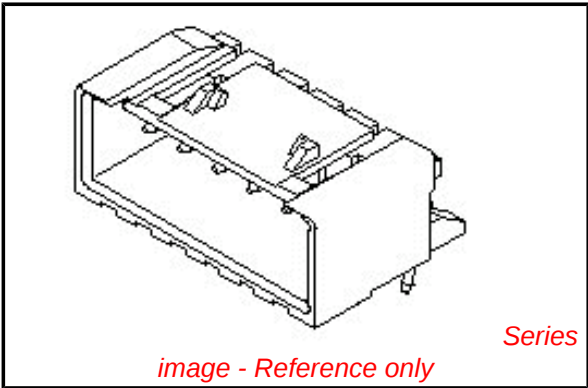
Product Family	PCB Headers
Series	53426
Application	Signal, Wire-to-Board
MolexKits	Yes
Overview	Mini-Lock™
Product Name	Mini-Lock™

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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
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	3A
Voltage - Maximum	250V



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



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

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[53426Series](#)

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53426-002
Product Specification	PS-51102-002, PS-51103-005, PS-51163-002, RPS-51103-010, RPS-51103-011, RPS-51103-032, RPS-51103-034, RPS-51103-039, RPS-51103-041, RPS-51103-044, RPS-51103-047, RPS-51103-050, RPS-51103-056, RPS-51103-057, RPS-51103-059, RPS-51163-002, RPS-51163-004
Sales Drawing	SD-53426-001

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