

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

53426-0810

Status:

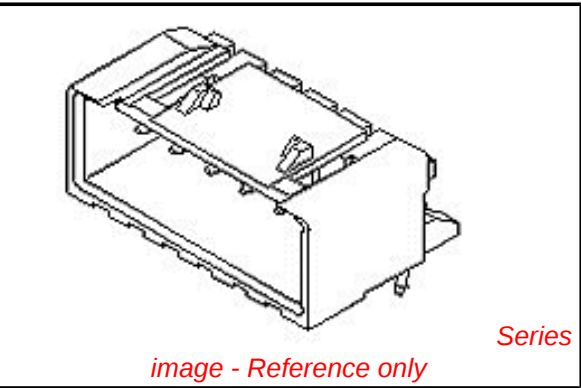
Active

Overview:

Mini-Lock™ Wire-to-Board Connector System

Description:

2.50mm Pitch Mini-Lock™ Wire-to-Board Header, Right Angle, Friction and Positive Lock, 8 Circuits, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-51102-002 (PDF)

Product Specification PS-51103-005 (PDF)

Product Specification PS-51163-002 (PDF)

Packaging Specification SPK-53426-002 (PDF)

RoHS Certificate of Compliance (PDF)

| Agency Certification           |  |                                           |
|--------------------------------|--|-------------------------------------------|
| CSA                            |  | LR19980                                   |
| UL                             |  | E29179                                    |
| General                        |  |                                           |
| Product Family                 |  | PCB Headers                               |
| Series                         |  | 53426                                     |
| Application                    |  | Signal, Wire-to-Board                     |
| MolexKits                      |  | Yes                                       |
| Overview                       |  | Mini-Lock™ Wire-to-Board Connector System |
| Product Name                   |  | Mini-Lock™                                |
| UPC                            |  | 800754357203                              |
| Physical                       |  |                                           |
| Breakaway                      |  | No                                        |
| Circuits (Loaded)              |  | 8                                         |
| Circuits (maximum)             |  | 8                                         |
| 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                     |  | 1071.400/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  |  | 3A                                        |

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](mailto: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

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53426-002

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

SD-53426-001

This document was generated on 07/09/2014

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[53426-0810](#)