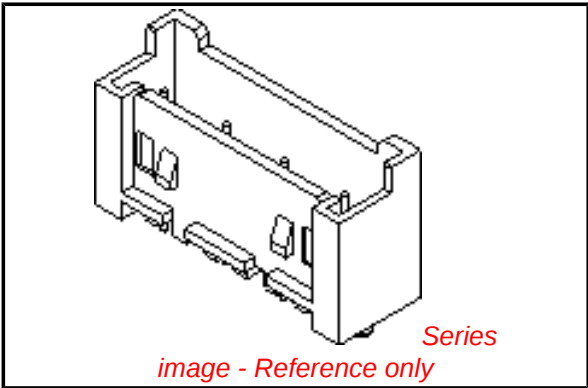


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Part Number: [0533760810](#)
Status: **Active**
Overview: [minilock](#)
Description: 5.00mm (.197") Pitch Mini-Lock™ Wire-to-Board Header, Vertical, Friction and Positive Lock, 8 Circuits, Lead-free

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51103-005 \(PDF\)](#)
[Product Specification PS-51103-007 \(PDF\)](#)
- [Product Specification PS-51163-001 \(PDF\)](#)
[Product Specification PS-51163-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)



General

Product Family	PCB Headers
Series	53376
Application	Wire-to-Board
Overview	minilock
Product Name	Mini-Lock™

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.453 In, 0.569 In
Mated Height (mm)	11.50 mm, 14.44 mm
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.134 In
PC Tail Length (mm)	3.40 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
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**
**Halogen-Free
Status**

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
[53376Series](#)

Mates With
Mini-Lock™ Wire-to-Board and Wire-to-Wire
Crimp Terminal [51103](#) , [51102](#) , [51163](#)

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53376-001
Product Specification	PS-51103-005, PS-51103-007, PS-51163-001, PS-51163-002, RPS-51103-010, RPS-51103-011, RPS-51103-032, RPS-51103-041, RPS-51103-047, RPS-51103-056, RPS-51163-002
Sales Drawing	SD-53376-**10

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