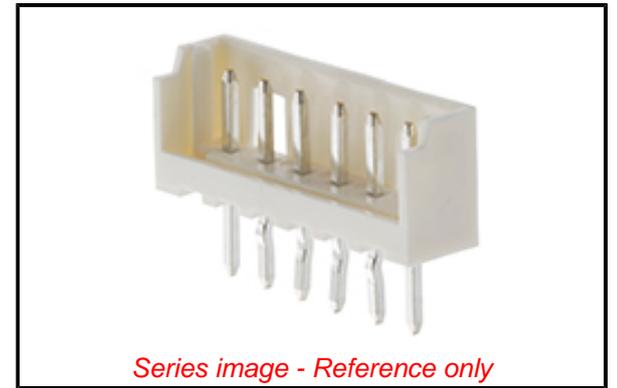


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0532531370](#)  
**Status:** **Active**  
**Overview:** Micro-Latch Wire-to-Board Connector System  
**Description:** 2.00mm Pitch, Micro-Latch PCB Header, Single Row, Vertical, Through Hole, Tin (Sn) Plating, 13 Circuits, Tray, 3.50mm PC Tail Length

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification 510651000-PS-000 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-53253-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 510650000-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">53253</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Micro-Latch Wire-to-Board Connector System</a>
Product Name	Micro-Latch
Taxonomy	PCB Headers and Receptacles
UPC	756054354117

**Physical**

Breakaway	No
Circuits (Loaded)	13
Circuits (maximum)	13
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	487.000/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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**

[53253 Series](#)

**Mates With**

Micro-Latch Receptacle Housing [51065](#)

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-53253-001-001
Product Specification	510650000-PS-000, 510651000-PS-000
Sales Drawing	532530000-SD-000

This document was generated on 10/20/2022

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