



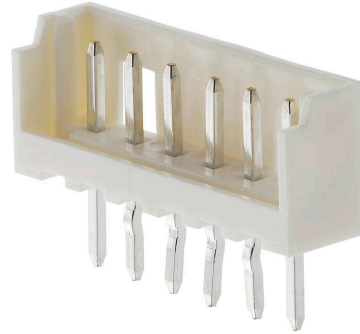
**Part Number :** [532531070](#)

**Product Description :** 2.00mm Pitch, Micro-Latch PCB Header, Single Row, Vertical, Through Hole, Tin (Sn) Plating, 10 Circuits, Tray, 3.50mm PC Tail Length

**Series Number :** 53253

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[Drawing 532531070\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 532531070.dxf](#)

[2D Drawing DXF \(PDF\) 532531070.pdf](#)

[3D Model 532531070\\_stp.zip](#)

### Specifications

[Packaging Specification SPK-53253-001-001.pdf](#)

[Product Specification 510650000-PS-000.pdf](#)

[Product Specification 510651000-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC

- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	53253
Description	2.00mm Pitch, Micro-Latch PCB Header, Single Row, Vertical, Through Hole, Tin (Sn) Plating, 10 Circuits, Tray, 3.50mm PC Tail Length
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Micro-Latch Wire-to-Board Connector System
Product Name	Micro-Latch
UPC	756054354087

### Agency

UL	E29179
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### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10

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	381.000/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
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
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Micro-Latch Single Row Receptacle Housings	<u>51065</u>

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