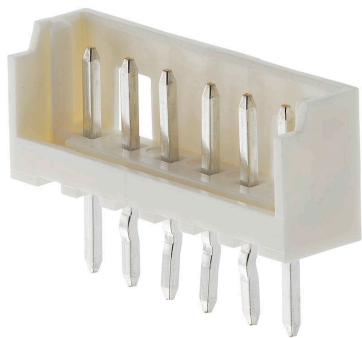




**Part Number :** [532531270](#)  
**Product Description :** 2.00mm Pitch, Micro-Latch PCB Header, Single Row, Vertical, Through Hole, Tin (Sn) Plating, 12 Circuits, Tray, 3.50mm PC Tail Length  
**Series Number :** 53253  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



Documents & Resources


**Drawings**  
[532531270\\_sd.pdf](#)

**3D Models and Design Files**  
[532531270.dxf](#)  
[532531270.pdf](#)  
[532531270\\_stp.zip](#)

**Specifications**  
[SPK-53253-001-001.pdf](#)  
[510650000-PS-000.pdf](#)  
[510651000-PS-000.pdf](#)

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(2024)6225-DC (07 Nov 2024)
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

---

### 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, 12 Circuits, Tray, 3.50mm PC Tail Length
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Latch
UPC	756054354100

#### Agency

UL	E29179
----	--------

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	452.000/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

---

## Mates With / Use With

### Mates with Part(s)

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

---

This document was generated on Mar 08, 2025