

Part Number : 532540670

Product Description : 2.00mm Pitch, Micro-Latch PCB Header, Single Row, Right-Angle, Through Hole, Tin (Sn) Plating, 6 Circuits, Tray, 3.50mm PC Tail Length

Series Number : 53254

Status : Active

Product Category : PCB Headers and Receptacles

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## Documents & Resources

### Drawings

Drawing 532540670\_sd.pdf

### 3D Models and Design Files

2D Drawing DXF 532540670.dxf

2D Drawing DXF (PDF) 532540670.pdf

3D Model 532540670\_stp.zip

### Specifications

Packaging Specification 532549200-SPK-200.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)8585-DC (23 Jan 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

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	53254
Description	2.00mm Pitch, Micro-Latch PCB Header, Single Row, Right-Angle, Through Hole, Tin (Sn) Plating, 6 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	756054354186

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V

#### Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	325.900/mg
Number of Rows	1
Orientation	Right Angle
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	1.016 $\mu$ m
Plating min - Termination	1.016 $\mu$ m
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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