



**Part Number :** [2183710001](#)

**Product Description :** SW1 6.00mm Screw  
Mount Locking Pin in Bag, 18.00mm  
Engagement Length

**Series Number :** 218371

**Status :** Active

**Product Category :** PCB Headers and  
Receptacles



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## Documents & Resources

### Drawings

[Drawing 2183710001\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 2183710001\\_stp.zip](#)

### Specifications

[Application Specification 2178840001-AS-000.pdf](#)


[Product Specification 2178840001-PS-000.pdf](#)

[Test Summary 2178840001-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not saleable
China RoHS	
EU ELV	Not saleable
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	218371
Description	SW1 6.00mm Screw Mount Locking Pin in Bag, 18.00mm Engagement Length
Application	Power, Wire-to-Board, Wire-to-Busbar
Component Type	PCB Header
Product Family	SW1 Connectors
Product Name	SW1
UPC	195842373341

### Electrical

Current - Maximum per Contact	120.0A
Voltage - Maximum	1000V

### Physical

Breakaway	No
Circuits (Loaded)	1
Circuits (maximum)	1
Diameter	6.00mm
Durability (mating cycles max)	50
Glow-Wire Capable	No
Height Above Board	18.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Silver
Material - Plating Termination	Silver

Net Weight	6.300/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PCB Thickness - Recommended	1.75mm min.
Pitch - Mating Interface	N/A
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Screw

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