

Part Number : [2183720001](#)

Product Description : SW1 8.00mm Screw Mount
Locking Pin in Bag, 20.00mm Engagement Length

Series Number : 218372

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2183720001_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications


[2169400001-AS-000.pdf](#)

[2169400001-PS-000.pdf](#)

[2169400001-TS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not saleable |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

[Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 218372 |
| Description | SW1 8.00mm Screw Mount Locking Pin in Bag, 20.00mm Engagement Length |
| Application | Power, Wire-to-Board, Wire-to-Busbar |
| Component Type | PCB Header |
| Product Name | SW1 |
| UPC | 195842370074 |

Electrical

| | |
|-------------------------------|--------|
| Current - Maximum per Contact | 185.0A |
| Voltage - Maximum | 1000V |

Physical

| | |
|--------------------------------|--------|
| Breakaway | No |
| Circuits (Loaded) | 1 |
| Circuits (maximum) | 1 |
| Diameter | 8.00mm |
| Durability (mating cycles max) | 50 |

| | |
|--------------------------------|----------------|
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Height Above Board | 20.00mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Silver |
| Material - Plating Termination | Silver |
| Net Weight | 11.040/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Bag |
| PCB Thickness - Recommended | 2.00mm 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 |

This document was generated on May 23, 2026