



**Part Number :** [2183350001](#)  
**Product Description :** SW1 6.00mm Knurled Press-fit Locking Pin in Bag, 13.50mm Engagement Length  
**Series Number :** 218335  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

**Drawings**  
[2183350001\\_sd.pdf](#)

**3D Models and Design Files**  
[2183350001\\_stp.zip](#)

**Specifications**  
[2178840001-AS-000.pdf](#)  
[2178840001-PS-000.pdf](#)  
[2178840001-TS-000.pdf](#)

## 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)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

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### Part Details

#### General

|                |  |
|----------------|--|
| Status         | Active   |
| Category       | PCB Headers and Receptacles  |
| Series         | 218335   |
| Description    | SW1 6.00mm Knurled Press-fit Locking Pin in Bag, 13.50mm Engagement Length |
| Application    | Power, Wire-to-Busbar  |
| Component Type | PCB Header   |
| Product Name   | SW1  |
| UPC            | 195842373402   |

#### 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             | 13.50mm      |
| Material - Metal               | Copper Alloy |
| Material - Plating Mating      | Silver       |
| Material - Plating Termination | Silver       |
| Net Weight                     | 4.260/g      |
| Number of Rows                 | 1            |

|                               |                |
|-------------------------------|----------------|
| Orientation                   | Vertical       |
| Packaging Type                | Bag            |
| PCB Thickness - Recommended   | 1.50mm 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   | Press-Fit      |

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