**Part Number :** 2169390001
**Product Description :** SW1 8.00mm Knurled Press-fit Locking Pin in Bag, 15.50mm Engagement Length
**Series Number :** 216939
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

2169390001_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 Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

Downloaded from Arrow.com.

- 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 216939 |
| Description | SW1 8.00mm Knurled Press-fit Locking Pin in Bag, 15.50mm Engagement Length |
| Application | Wire-to-Busbar |
| Component Type | PCB Header |
| Product Name | SW1 |
| UPC | 195842622562 |

### 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 |
| Gender | Male |
| Glow-Wire Capable | No |

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| | |
|---|---|
| Height Above Board | 15.50mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Silver |
| Material - Plating Termination | Silver |
| Net Weight | 8.220/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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