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



Documents and Resources

Drawings

2183710001_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2178840001-AS-000.pdf

2178840001-PS-000.pdf

2178840001-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

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- 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	218371
Description	SW1 6.00mm Screw Mount Locking Pin in Bag, 18.00mm Engagement Length
Application	Wire-to-Board, Wire-to-Busbar
Component Type	PCB Header
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
First Mate / Last Break	No
Gender	Male
Glow-Wire Capable	No

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Height Above Board	18.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Silver
Material - Plating Termination	Silver
Mounting Style	Screw Mount
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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