



Part Number : 2183350001

Series Number : 218335

Product Category : PCB Headers and Receptacles

Product Description : SW1 6.00mm Knurled Press-fit Locking Pin in Bag, 13.50mm Engagement Length

Status : Active

Documents & Resources


Drawings  
Drawing 2183350001\_sd.pdf

3D Models and Design Files  
3D Model 2183350001\_stp.zip

Specifications  
Application Specification 2178840001-AS-000.pdf  
Product Specification 2178840001-PS-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)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

## 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 Family	SW1 Connectors
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