



Part Number : 2183720001

Series Number : 218372

Product Category : PCB Headers and Receptacles

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

Status : Active

Documents & Resources

Drawings

- Drawing 2183720001_sd.pdf
- Packaging Design Drawing 2183350001-PK-000.pdf

3D Models and Design Files


- 3D Model 2183720001_stp.zip

Specifications

- Application Specification 2169400001-AS-000.pdf
- Product Specification 2169400001-PS-000.pdf
- Test Summary 2169400001-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not saleable
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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

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 Family	SW1 Connectors
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
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