



Part Number : 2169390001

Series Number : 216939

Product Category : PCB Headers and Receptacles

Product Description : SW1 8.00mm Knurled Press-fit Locking Pin in Bag, 15.50mm Engagement Length

Status : Active

Documents & Resources


Drawings
Drawing 2169390001_sd.pdf
Packaging Design Drawing 2183350001-PK-000.pdf

3D Models and Design Files
3D Model 2169390001_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 Relevant
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	216939
Description	SW1 8.00mm Knurled Press-fit Locking Pin in Bag, 15.50mm Engagement Length
Application	Power, Wire-to-Busbar
Component Type	PCB Header
Product Family	SW1 Connectors
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
Glow-Wire Capable	No
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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