molex

Part Number : 2243561116
Product Description : SW1-to-SW1 Off-the-Shelf (OTS) Cable Assembly, 6.00mm Diameter, Female, 1000.00mm Length, 2 AWG, Black
Series Number : 224356
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents & Resources

Drawings
2243561116_sd.pdf

3D Models and Design Files
2243561116_stp.zip

Specifications
2243500001-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	224356
Description	SW1-to-SW1 Off-the-Shelf (OTS) Cable Assembly, 6.00mm Diameter, Female, 1000.00mm Length, 2 AWG, Black
Application	Power, Wire-to-Busbar, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	SW1 6.00mm-to-SW1 6.00mm
Product Name	SW1
Type	Discrete Wire Assembly
UPC	196823528590

Electrical

Current - Maximum per Contact	120.0A
Voltage - Maximum	1000V

Physical

Cable Length	1000.00mm
Circuits (Loaded)	1
Circuits (maximum)	1
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver

Material - Resin	PBT
Net Weight	481.898/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 1015
Wire Size (AWG)	2

Mates With / Use With

Mates with Part(s)

Description	Part Number
SW1 6.00mm Knurled Press-fit Locking Pins	218335
SW1 6.00mm Screw Mount Locking Pins	218371

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