



Part Number : [2243555116](#)
Product Description : SW1-to-Battery Cable
Lug Off-the-Shelf (OTS) Cable Assembly,
6.00mm Diameter, Female, 1000.00mm
Length, 2 AWG, Black
Series Number : 224355
Status : Active
Product Category : Power and Signal Cable
Assemblies



Documents & Resources

Drawings
[2243555116_sd.pdf](#)

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

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	224355
Description	SW1-to-Battery Cable Lug 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-Battery Cable Lug
Product Name	SW1
Type	Discrete Wire Assembly
UPC	196823528576

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	466.202/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 Insulation Diameter	12.00mm
Wire Size (AWG)	2

Mates With / Use With

Mates with Part(s)

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