



**Part Number :** [2244121116](#)  
**Product Description :** SW1-to-SW1 Off-the-Shelf (OTS) Cable Assembly, 8.00mm Diameter, Female, 1000.00mm Length, 1/0 AWG, Black  
**Series Number :** 224412  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies




## Documents & Resources

**Drawings**  
[2244121116\\_sd.pdf](#)

**Specifications**  
[2244100001-000.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)6225-DC (07 Nov 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	224412
Description	SW1-to-SW1 Off-the-Shelf (OTS) Cable Assembly, 8.00mm Diameter, Female, 1000.00mm Length, 1/0 AWG, Black
Application	Power, Wire-to-Busbar, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	SW1 8.00mm-to-SW1 8.00mm
Product Name	SW1
Type	Discrete Wire Assembly
UPC	196823528651

### Electrical

Current - Maximum per Contact	185.0A
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	666.682/g

Number of Rows	1
Overmolded	No
Packaging Type	Bag
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 3132
Wire Insulation Diameter	14.00mm
Wire Size (AWG)	1/0

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
SW1 High-Current Locking Pins	<u>216939</u>
SW1 High-Current Locking Pins	<u>218372</u>