



Part Number : [2244121216](#)
Product Description : SW1-to-SW1 Off-the-Shelf (OTS) Cable Assembly, 8.00mm Diameter, Female, 1000.00mm Length, 1/0 AWG, Red
Series Number : 224412
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings
[2244121216 sd.pdf](#)
Specifications
[2244100001-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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, Red
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	196823528668

Electrical

Current - Maximum per Contact	185.0A
Voltage - Maximum	1000V

Physical

Cable Length	1000.00mm
Circuits (Loaded)	1
Circuits (maximum)	1
Color - Resin	Red
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	668.422/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 Size (AWG)	1/0

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>

This document was generated on Apr 11, 2026