



Part Number : 2244162216

Series Number : 224416

Product Category : Power and Signal Cable Assemblies

Product Description : SW1-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 11.00mm Diameter, Female, 1000.00mm Length, 4/0 AWG, Red

Status : Active

### Documents & Resources

#### Drawings

Drawing 2244162216\_sd.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(2023)3788-DC (14 Jun 2023)                                        |
| 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                 | 224416                                                                                                      |
| Description            | SW1-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 11.00mm Diameter, Female, 1000.00mm Length, 4/0 AWG, Red |
| Application            | Power, Wire-to-Busbar, Wire-to-Board                                                                        |
| Assembly Configuration | Single Ended Connector                                                                                      |
| Connector to Connector | SW1 11.00mm-to-Pigtail                                                                                      |
| Product Family         | SW1 Connectors                                                                                              |
| Product Name           | SW1                                                                                                         |
| Type                   | Discrete Wire Assembly                                                                                      |
| UPC                    | 196823528743                                                                                                |

## Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 300.0A |
| Voltage - Maximum             | 1000V  |

## Physical

|                                |                |
|--------------------------------|----------------|
| Cable Length                   | 1000.00mm      |
| Circuits (Loaded)              | 1              |
| Circuits (maximum)             | 1              |
| Color - Resin                  | Red            |
| Gender                         | Female-Pigtail |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Copper Alloy   |
| Material - Plating Mating      | Gold           |
| Material - Plating Termination | Silver         |
| Material - Resin               | PBT            |
| Net Weight                     | 1410.876/g     |
| Number of Rows                 | 1              |
| Overmolded                     | No             |
| Packaging Type                 | Bag            |

|                             |                      |
|-----------------------------|----------------------|
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 1015              |
| Wire Insulation Diameter    | 20.00mm              |
| Wire Size (AWG)             | 4/0                  |

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**Mates With / Use With**

**Mates with Part(s)**

|                                            |               |
|--------------------------------------------|---------------|
| Description                                | Part Number   |
| SW1 11.00mm Knurled Press-fit Locking Pins | <u>218336</u> |