



**Part Number :** 2244115116

**Series Number :** 224411

**Product Category :** Power and Signal Cable Assemblies

**Product Description :** SW1-to-Battery Cable Lug Off-the-Shelf (OTS) Cable Assembly, 8.00mm Diameter, Female, 1000.00mm Length, 1/0 AWG, Black

**Status :** Active

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## Documents & Resources

### Drawings

Drawing\_2244115116\_sd.pdf

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## 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

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## Part Details

## General

|                        |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                 |
| Category               | Power and Signal Cable Assemblies                                                                                      |
| Series                 | 224411                                                                                                                 |
| Description            | SW1-to-Battery Cable Lug 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-Battery Cable Lug                                                                                        |
| Product Family         | SW1 Connectors                                                                                                         |
| Product Name           | SW1                                                                                                                    |
| Type                   | Discrete Wire Assembly                                                                                                 |
| UPC                    | 196823528637                                                                                                           |

## 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                     | 645.975/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> |