



**Part Number :** [2262702025](#)  
**Product Description :** UltraWize Right-Angle-to-UltraWize Vertical Off-the-Shelf (OTS) Cable Assembly, 8.00mm Diameter, Female, 500.00mm Length, 6 AWG, Black  
**Series Number :** 226270  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies

## Documents & Resources

### Drawings

[2262702025 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2024)4144-DC<br>(27 June 2024)                                                           |
| 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                 | 226270                                                                                                                                 |
| Description            | UltraWize Right-Angle-to-UltraWize Vertical Off-the-Shelf (OTS) Cable Assembly, 8.00mm Diameter, Female, 500.00mm Length, 6 AWG, Black |
| Application            | Power, Wire-to-Board                                                                                                                   |
| Assembly Configuration | Dual Ended Connectors                                                                                                                  |
| Connector to Connector | UltraWize-to-UltraWize                                                                                                                 |
| Product Name           | UltraWize                                                                                                                              |
| Type                   | Discrete Wire Assembly                                                                                                                 |
| UPC                    | 198282228998                                                                                                                           |

### Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 170.0A |
| Voltage - Maximum             | 600V   |

### Physical

|                    |               |
|--------------------|---------------|
| Cable Length       | 500.00mm      |
| Circuits (Loaded)  | 2             |
| Circuits (maximum) | 2             |
| Color - Resin      | Black         |
| Gender             | Female-Female |

|                                |                         |
|--------------------------------|-------------------------|
| Lock to Mating Part            | Yes                     |
| Material - Metal               | Copper Alloy            |
| Material - Plating Mating      | Gold                    |
| Material - Plating Termination | Gold                    |
| Material - Resin               | Nylon                   |
| Net Weight                     | 368.500/g               |
| Number of Rows                 | 1                       |
| Orientation                    | Right-Angle-to-Vertical |
| Overmolded                     | No                      |
| Packaging Type                 | Bag                     |
| Pitch - Mating Interface       | 13.58mm                 |
| Single Ended                   | No                      |
| Termination Interface Style    | Crimp or Compression    |
| Wire/Cable Type                | UL 3132                 |
| Wire Size (AWG)                | 6                       |

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## Mates With / Use With

### Mates with Part(s)

| Description                            | Part Number                   |
|----------------------------------------|-------------------------------|
| UltraWize 8.00mm Surface Mount Headers | <u><a href="#">218567</a></u> |

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