molex



**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 | 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 (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

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## 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 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| UltraWize 8.00mm Surface Mount Headers | 218567 |