



**Part Number :** [2185670003](#)  
**Product Description :** UltraWize 8.00mm, 2-circuit,  
Surface Mount Header, 19.15mm Height, 1.80mm Tail,  
Tape and Reel  
**Series Number :** 218567  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

- [2185670003 sd.pdf](#)
- [2185670003-PK-000.pdf](#)

### 3D Models and Design Files

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

### Specifications

- [2185650001-AS-000.pdf](#)
- [2185650001-PS-000.pdf](#)
- [2185650002-PS-000.pdf](#)
- [2185650001-TS-000.pdf](#)
- [2185650002-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 33                                                                               |
| 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(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       | PCB Headers and Receptacles                                                                   |
| Series         | 218567                                                                                        |
| Description    | UltraWize 8.00mm, 2-circuit, Surface Mount Header, 19.15mm Height, 1.80mm Tail, Tape and Reel |
| Application    | Power, Wire-to-Board                                                                          |
| Component Type | PCB Header                                                                                    |
| Product Name   | UltraWize                                                                                     |
| UPC            | 196823124655                                                                                  |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 170.0A |
| Voltage - Maximum             | 125V   |

## Physical

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 2                      |
| Circuits (maximum)             | 2                      |
| Color - Resin                  | Black                  |
| Diameter                       | 8.00mm                 |
| Durability (mating cycles max) | 200                    |
| First Mate / Last Break        | No                     |
| Flammability                   | 94V-0                  |
| Glow-Wire Capable              | No                     |
| Height                         | 19.15mm                |
| Keying to Mating Part          | None                   |
| Lock to Mating Part            | Yes                    |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Silver                 |
| Material - Plating Termination | Silver                 |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 19.440/g               |
| Number of Rows                 | 1                      |
| Orientation                    | Vertical               |
| Packaging Type                 | Embossed Tape on Reel  |
| PCB Locator                    | Yes                    |
| PCB Retention                  | Yes                    |
| PCB Thickness - Recommended    | 2.36mm                 |
| PC Tail Length                 | 1.80mm                 |
| Pitch - Mating Interface       | 13.58mm                |
| Pitch - Termination Interface  | 13.58mm                |
| Plating min - Mating           | 3.180µm                |
| Plating min - Termination      | 3.180µm                |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Temperature Range - Operating  | -40° to +125°C         |
| Termination Interface Style    | Surface Mount          |

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## Mates With / Use With

**Mates with Part(s)**

| Description                                                                         | Part Number   |
|-------------------------------------------------------------------------------------|---------------|
| UltraWize Right-Angle-to-UltraWize Right-Angle Off-the-Shelf (OTS) Cable Assemblies | <u>226269</u> |
| UltraWize Right-Angle-to-UltraWize Vertical Off-the-Shelf (OTS) Cable Assemblies    | <u>226270</u> |
| UltraWize Vertical-to-UltraWize Vertical Off-the-Shelf (OTS) Cable Assemblies       | <u>226271</u> |