



**Part Number :** [2138800001](#)  
**Product Description :** Sentrality 11.00mm Top-entry, Surface Mount Socket Assembly with +/-1.00mm Self-alignment Capability, Tape and Reel  
**Series Number :** 213880  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

- [2138800001\\_sd.pdf](#)
- [2138800001-PK-000.pdf](#)

### 3D Models and Design Files

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

### Specifications

- [2138800001-AS-000.pdf](#)
- [2138800001-PS-000.pdf](#)
- [2138800001-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 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(2024)7663-DC (21 Jan 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

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## Part Details

### General

|                |                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                              |
| Category       | PCB Headers and Receptacles                                                                                         |
| Series         | 213880                                                                                                              |
| Description    | Sentrality 11.00mm Top-entry, Surface Mount Socket Assembly with +/-1.00mm Self-alignment Capability, Tape and Reel |
| Application    | Board-to-Board, Busbar-to-Board, Busbar-to-Busbar, Power                                                            |
| Comments       | Current and voltage performances are dependent upon application variables.                                          |
| Component Type | PCB Receptacle                                                                                                      |
| Product Name   | Sentrality                                                                                                          |
| UPC            | 193264520848                                                                                                        |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

### Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 300.0A |
| Voltage - Maximum             | 600V   |

## Physical

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 1                     |
| Circuits (maximum)             | 1                     |
| Diameter                       | 11.00mm               |
| Durability (mating cycles max) | 200                   |
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | Yes                   |
| Height Above Board             | 5.17mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Silver                |
| Mating Orientation             | Top-entry             |
| Net Weight                     | 16.884/g              |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Retention                  | None                  |
| Pitch - Mating Interface       | N/A                   |
| Polarized to Mating Part       | No                    |
| Polarized to PCB               | No                    |
| 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   |
|-------------------------------------|---------------|
| Sentrality 11.00mm Screw Mount Pins | <u>213902</u> |

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