



**Part Number :** [2121950012](#)  
**Product Description :** Sentrality 8.00mm Top-entry,  
Height Above Board 7.65mm, Surface Mount Socket  
Assembly with +/-1.00mm Misalignment Capability,  
Tape and Reel  
**Series Number :** 212195  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[2121950012 sd.pdf](#)  
[2121950012-PK-000.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[2043130001-AS-000.pdf](#)  
[2043130001-PS-000.pdf](#)  
[2043130008-TS-000.pdf](#)  
[2043131234-TS-000.pdf](#)

## 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(2025)4165-DC<br>(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         | 212195                                                                                                                                      |
| Description    | Sentrality 8.00mm Top-entry, Height Above Board 7.65mm, Surface Mount Socket Assembly with +/-1.00mm Misalignment 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            | 193264422678                                                                                                                                |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
|-----|---------|

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

## Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 200.0A |
| Voltage - Maximum             | 600V   |

## Physical

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 1                     |
| Circuits (maximum)             | 1                     |
| Diameter                       | 8.00mm                |
| Durability (mating cycles max) | 200                   |
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | Yes                   |
| Height Above Board             | 7.65mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Silver                |
| Mating Orientation             | Top-entry             |
| Net Weight                     | 8.267/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 Pins                    | <u>203263</u> |
| Sentrality 3.40mm Right-Angle Pins | <u>204314</u> |