



Part Number : 2138800001

Series Number : 213880

Product Category : PCB Headers and Receptacles

Product Description : Sentrality 11.00mm Top-entry, Surface Mount Socket Assembly with +/-1.00mm Self-alignment Capability, Tape and Reel

Status : Active

Documents & Resources

Drawings

- Drawing 2138800001\_sd.pdf
- Packaging Design Drawing 2138800001-PK-000.pdf

3D Models and Design Files


- 3D Model 2138800001\_stp.zip

Specifications

- Application Specification 2138800001-AS-000.pdf
- Product Specification 2138800001-PS-000.pdf
- Test Summary 2138800001-TS-000.pdf

Product Environment Compliance

Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33   |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2023)8585-DC (23 Jan 2024)  |
| EU RoHS            | Compliant per EU 2015/863   |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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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 Family | Sentrality Pin and Socket Interconnect System   |
| Product Name   | Sentrality  |
| UPC            | 193264520848  |

#### Electrical

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

#### Physical

|                                |         |
|--------------------------------|---------|
| Circuits (Loaded)              | 1       |
| Circuits (maximum)             | 1       |
| Diameter                       | 11.00mm |
| Durability (mating cycles max) | 200     |
| 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 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> |