**Part Number :** 2121955010
**Product Description :** Sentrality 8.00mm Bottom-entry, Height Above Board 5.60mm, 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

2121955010_sd.pdf

2043650000-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 | 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 | 212195 |
| Description | Sentrality 8.00mm Bottom-entry, Height Above Board 5.60mm, 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 | 193264401093 |

### 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 | 5.60mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Silver |
| Mating Orientation | Bottom-entry |
| Net Weight | 8.431/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 |

---

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| | |

| | |
|---|---|
| Sentrality Pins | 203263 |
| Sentrality 3.40mm Right-Angle Pins | 204314 |