



**Part Number :** [2270050004](#)  
**Product Description :** Sentrality 3.40mm Surface Mount Pin, 36.00mm Length, Bag  
**Series Number :** 227005  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[2270050004\\_sd.pdf](#)  
[2032630006-PK-000.pdf](#)

### 3D Models and Design Files

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

### Specifications

[2043130018-AS-000.pdf](#)  
[2043130018-PS-000.pdf](#)

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## 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)6375-DC (05 Nov 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         | 227005                                                   |
| Description    | Sentrality 3.40mm Surface Mount Pin, 36.00mm Length, Bag |
| Application    | Board-to-Board, Busbar-to-Board, Busbar-to-Busbar, Power |
| Component Type | PCB Header                                               |
| Product Name   | Sentrality                                               |
| UPC            | 198282540458                                             |

### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 75.0A |
| Voltage - Maximum             | 600V  |

### Physical

|                                |        |
|--------------------------------|--------|
| Breakaway                      | No     |
| Circuits (Loaded)              | 1      |
| Circuits (maximum)             | 1      |
| Diameter                       | 3.40mm |
| Durability (mating cycles max) | 200    |
| First Mate / Last Break        | No     |

|                                |                |
|--------------------------------|----------------|
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | No             |
| Height Above Board             | 36.00mm        |
| Material - Metal               | Copper Alloy   |
| Material - Plating Mating      | Silver         |
| Material - Plating Termination | Silver         |
| Net Weight                     | 6.352/g        |
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| Packaging Type                 | Bag            |
| 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 Top-entry Knurled Press-Fit Socket Assemblies with Self-alignment Capability | <a href="#"><u>204313</u></a> |
| Sentrality Top-entry Knurled Press-Fit Socket Assemblies                                | <a href="#"><u>204316</u></a> |
| Sentrality Top-entry Surface Mount Socket Assemblies                                    | <a href="#"><u>204318</u></a> |
| Sentrality Top-entry Surface Mount Socket Assemblies with Self-alignment Capability     | <a href="#"><u>204365</u></a> |
| Sentrality Top-entry Surface Mount Socket Assemblies                                    | <a href="#"><u>212194</u></a> |
| Sentrality Surface Mount Socket Assemblies                                              | <a href="#"><u>212195</u></a> |
| Sentrality 3.40mm Right-Angle Socket Assemblies                                         | <a href="#"><u>205000</u></a> |

