



Part Number : [2166170001](#)
Product Description : Sentrality 8.0mm Top-entry,
Eye-of-Needle Press-fit Socket Assembly with +/-
1.00mm Self-alignment Capability, Tray
Series Number : 216617
Status : Active
Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

- [2166170001_sd.pdf](#)
- [2166170000-PK-000.pdf](#)

3D Models and Design Files

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

Specifications

- [2151130000-AS-000.pdf](#)
 - [2151130000-PS-000.pdf](#)
 - [2043131234-TS-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(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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	216617
Description	Sentrality 8.0mm Top-entry, Eye-of-Needle Press-fit Socket Assembly with +/- 1.00mm Self-alignment Capability, Tray
Application	Board-to-Board, Busbar-to-Board, Power
Comments	Current and voltage performances are dependent upon application variables.
Component Type	PCB Receptacle
Product Name	Sentrality
UPC	195842227323

Agency

UL	E29179
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Electrical

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

Breakaway	No
Circuits (Loaded)	1
Circuits (maximum)	1
Diameter	8.00mm
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Height Above Board	11.84mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver
Mating Orientation	Top-entry
Net Weight	15.566/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
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	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
Sentrality Pins	<u>203263</u>