



Part Number : 2121950018

Series Number : 212195

Product Category : PCB Headers and Receptacles

Product Description : Sentrality 3.40mm Top-entry, Height Above Board 5.17mm, Surface Mount Socket Assembly with +/-1.00mm Misalignment Capability, Tape and Reel

Status : Active

## Documents & Resources

### Drawings

Drawing 2121950018\_sd.pdf

Packaging Design Drawing 2121950018-PK-000.pdf

### 3D Models and Design Files

3D Model 2121950018\_stp.zip

### Specifications


Product Specification 2043130018-PS-000.pdf

Test Summary 2043130018-TS-000.pdf

Test Summary 2043131234-TS-000.pdf

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
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	212195
Description	Sentrality 3.40mm Top-entry, Height Above Board 5.17mm, 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 Family	Sentrality Pin and Socket Interconnect System
Product Name	Sentrality
UPC	191130978731

#### Agency

UL	E29179
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#### Electrical

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

#### Physical

Circuits (Loaded)	1
Circuits (maximum)	1
Diameter	3.40mm

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	4.794/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

## Solder Process Data

Max-Duration	600
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	2
Max-Temp	205

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## Mates With / Use With

### Mates with Part(s)

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