



Part Number : [2121950018](#)

Product Description : Centrality 3.40mm Top-entry, Height Above Board 5.17mm, 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

[Drawing 2121950018_sd.pdf](#)

[Packaging Design Drawing 2121950018-PK-000.pdf](#)

3D Models and Design Files

[3D Model 2121950018_stp.zip](#)

Specifications

[Application Specification 2043130018-AS-000.pdf](#)

[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(2024)4144-DC (27 June 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

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

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
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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 Mating Part	No
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

Mates With / Use With

Mates with Part(s)

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