molex

Part Number : 2121950010

Product Description : Sentrality 8.00mm 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
2121950010_sd.pdf
2043650000-PK-000.pdf

3D Models and Design Files
2121950010_stp.zip

Specifications
2043130001-PS-000.pdf
2043130008-TS-000.pdf
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)6225-DC (07 Nov 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 8.00mm 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 Name	Sentrality
UPC	191130978694

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
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	7.586/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

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