Part Number : 2043650006

Product Description : Sentrality 6.00mm Top-entry, Surface Mount Socket Assembly with +/-1.00mm Self-alignment Capability, Tray

Series Number : 204365

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing_2043650006_sd.pdf

Packaging Design Drawing_2043650006-PK-000.pdf

3D Models and Design Files

3D Model_2043650006_stp.zip

Specifications

Application Specification_2043130006-AS-000.pdf

Product Specification_2043130006-PS-000.pdf

Test Summary_2043130006-TS-000.pdf

Test Summary_2043131234-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	204365
Description	Sentrality 6.00mm Top-entry, Surface Mount Socket Assembly with +/-1.00mm Self-alignment Capability, Tray
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	191130149889

Electrical

Current - Maximum per Contact	140.0A
Voltage - Maximum	600V

Physical

Circuits (Loaded)	1
Circuits (maximum)	1
Diameter	6.00mm
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	7.024/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
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	WAVE
Max-Cycle	2
Max-Temp	205

Mates With / Use With

Mates with Part(s)

Description	Part Number
Sentrality Pins	203263