Part Number : 2032630116

Product Description : Sentrality 6.00mm Surface Mount Pin, 20.00mm Engagement Length, Bag

Series Number : 203263

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing_2032630116_sd.pdf

Packaging Design Drawing_2032630006-PK-000.pdf

3D Models and Design Files

3D Model_2032630116_stp.zip

Specifications

Application Specification_2043130006-AS-000.pdf

Product Specification_2043130006-PS-000.pdf

Test Summary_2043131234-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not saleable
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	203263
Description	Sentrality 6.00mm Surface Mount Pin, 20.00mm Engagement Length, Bag
Application	Board-to-Board, Busbar-to-Board, Busbar-to-Busbar, Power
Component Type	PCB Header
Product Family	Sentrality Pin and Socket Interconnect System
Product Name	Sentrality
UPC	193264058037

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	1
Circuits (maximum)	1
Diameter	6.00mm
Durability (mating cycles max)	200
Glow-Wire Capable	No
Height Above Board	20.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Silver
Material - Plating Termination	Silver

Net Weight	5.868/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
Pitch - Mating Interface	N/A
Polarized to Mating Part	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	114
Lead-Free Process Capability	REFLOW
Max-Cycle	200
Max-Temp	125

Mates With / Use With

Mates with Part(s)

Description	Part Number
Sentrality Top-entry Surface Mount Socket Assemblies	204318
Sentrality Top-entry Surface Mount Socket Assemblies with Self-alignment Capability	204365
Sentrality Top-entry Knurled Press-Fit Socket Assemblies with Self-alignment Capability	204313
Sentrality Top-entry Knurled Press-Fit Socket Assemblies	204316