Part Number : 2043160006
Product Description : Sentrality 6.00mm Top-entry, Knurled Press-fit Socket Assembly, Tray
Series Number : 204316
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

2043160006_sd.pdf
2043180006-PK-000.pdf

3D Models and Design Files

2043160006_stp.zip

Specifications

2043130006-AS-000.pdf
2043130006-PS-000.pdf
2043130006-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)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	204316
Description	Sentrality 6.00mm Top-entry, Knurled Press-fit Socket Assembly, Tray
Application	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	191130149919

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
Guide to Mating Part	No
Height Above Board	4.00mm

Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver
Mating Orientation	Top-entry
Net Weight	6.521/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
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	Press-Fit

Mates With / Use With

Mates with Part(s)

Description	Part Number
Sentrality Pins	203263

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molex:

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194270031 194290026 197134001 528523070 34708-2028 464373005 459850483 348242245 349672001
355240920 357470310 197054301 502380-0800 502585-0370 528520870 0351510214 347910140
5023860371 503988100 502584-1060 528061110 0194360214