Part Number : 2050001000
Product Description : Sentrality 3.40mm Right-Angle Screw Mount Socket Assembly, with +/-1.00mm Self-alignment Capability, Tray
Series Number : 205000
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

2050001000_sd.pdf

2050001000-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2204090000-AS-000.pdf

2204090000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	205000
Description	Sentrality 3.40mm Right-Angle Screw Mount Socket Assembly, with +/-1.00mm Self-alignment Capability, Tray
Application	Board-to-Board, Busbar-to-Board, Power
Comments	Current and voltage performances are dependent upon application variables.
Component Type	PCB Receptacle
Product Name	Sentrality
UPC	196823899195

Agency

UL	E29179

Electrical

Current - Maximum per Contact	130.0A
Voltage - Maximum	1000V

Physical

Breakaway	No
Circuits (Loaded)	1
Circuits (maximum)	1
Diameter	3.40mm
Durability (mating cycles max)	200
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Height Above Board	23.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver
Mating Orientation	Side-entry
Net Weight	15.249/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Retention	None
Pitch - Mating Interface	N/A
Polarized to Mating Part	No
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Screw Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Sentrality 3.40mm Right-Angle Pins	204314
Sentrality Pins	203263
Sentrality 3.40mm Screw Mount Pins	227004
Sentrality 3.40mm Surface Mount Pins	227005

Sentrality 3.40mm Press-Fit Pins	227006
Sentrality 3.40mm Threaded Pins	227007