



**Part Number :** [2043160018](#)

**Series Number :** [204316](#)

**Product Category :** [PCB Headers and Receptacles](#)

**Product Description :** [Sentrality 3.40mm Top-entry, Knurled Press-fit Socket Assembly, Tray](#)

**Status :** [Active](#)

Documents & Resources


**Drawings**  
[Drawing 2043160018\\_sd.pdf](#)  
[Packaging Design Drawing 2043180018-PK-000.pdf](#)

**3D Models and Design Files**  
[3D Model 2043160018\\_stp.zip](#)

**Specifications**  
[Product Specification 2043130018-PS-000.pdf](#)  
[Test Summary 2043130018-TS-000.pdf](#)  
[Test Summary 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(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

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	204316
Description	Sentrality 3.40mm 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 Family	Sentrality Pin and Socket Interconnect System
Product Name	Sentrality
UPC	191130149001

#### Electrical

Current - Maximum per Contact	75.0A
Voltage - Maximum	600V

#### Physical

Circuits (Loaded)	1
Circuits (maximum)	1
Diameter	3.40mm
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	4.983/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	Press-Fit

Solder Process Data

Max-Duration	600
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	2
Max-Temp	205

Mates With / Use With

Mates with Part(s)

Description	Part Number
Sentrality Pins	<u>203263</u>