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Part Number: 2043130018

Status: Active

Overview: Sentrality Pin and Socket Interconnect System

Description: Sentrality 3.40mm Top-entry, Knurled Press-fit Socket Assembly with +/-1.00mm Self-alignment Capability in Tray



Series image - Reference only

Documents:

- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Product Specification 2043130018-PS-000 (PDF)
- Application Specification 2043130018-AS-000 (PDF)
- Packaging Specification 2043130018-PK-000 (PDF)
- Test Summary 2043130018-TS-000 (PDF)
- Test Summary 2043131234-TS-000 (PDF)
- Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2021)10043-DC (17 Jan 2022)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
204313 Series

Mates With
3.40mm Male Pin 203263

General

Product Family	PCB Receptacles
Series	204313
Application	Busbar-to-Board, Busbar-to-Busbar, Power
Comments	Current and voltage performances are dependent upon application variables.
Overview	Sentrality Pin and Socket Interconnect System
Product Name	Sentrality
Taxonomy	PCB Headers and Receptacles
UPC	191130148998

Physical

Circuits (Loaded)	1
Circuits (maximum)	1
Diameter	3.40mm
Durability (mating cycles max)	200
Glow-Wire Capable	No
Guide to Mating Part	Yes
Height Above Board	3.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver
Mating Orientation	Top-entry
Net Weight	8.056/g
Number of Rows	1
Orientation	Vertical
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	N/A
Polarized to PCB	No
Temperature Range - Operating	-40° to +125°C
Termination Interface: Style	Press-Fit

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	600
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	205

Material Info

Reference - Drawing Numbers

Application Specification	2043130018-AS-000
Packaging Specification	2043130018-PK-000
Product Specification	2043130018-PS-000
Sales Drawing	2043130018-SD-000
Test Summary	2043130018-TS-000, 2043131234-TS-000

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