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Part Number: [2043650018](#)
Status: **Active**
Overview: Sentrality Pin and Socket Interconnect System
Description: Sentrality 3.40mm Top-entry, Surface Mount Socket Assembly with +/-1.00mm Self-alignment Capability in Tray

Documents:

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

General

Product Family	PCB Receptacles
Series	204365
Application	Board-to-Board, Busbar-to-Board, Busbar-to-Busbar, Power
Comments	Current and voltage performances are dependent upon application variables.
Component Type	PCB Receptacle
Overview	<u>Sentrality Pin and Socket Interconnect System</u>
Product Name	Sentrality
Taxonomy	PCB Headers and Receptacles
UPC	191130519460

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	5.17mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver
Mating Orientation	Top-entry
Net Weight	4.794/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	Surface Mount

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[204365](#) Series

Mates With

3.40mm Male Pin [203263](#)

Material Info

Reference - Drawing Numbers

Application Specification	2043130018-AS-000
Packaging Specification	2043130018-PK-000
Product Specification	2043130018-PS-000
Sales Drawing	2043650018-SD-000
Test Summary	2043130018-TS-000, 2043131234-TS-000

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