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Part Number:

2043160018

Status:

Active

Overview:

Sentrality Pin and Socket Interconnect System

Description:

Sentrality 3.40mm Top-entry, Knurled Press-fit Socket Assembly in Tray

- Documents:
- 3D Model

Packaging Specification 2043180018-PK-000 (PDF)
- 3D Model (PDF)

Test Summary 2043130018-TS-000 (PDF)
- Drawing (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

Series

Application

Comments

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Receptacles

204316

Busbar-to-Board, Busbar-to-Busbar, Power

Current and voltage performances are dependent upon application variables.

PCB Receptacle

Sentrality Pin and Socket Interconnect System

Sentrality

PCB Headers and Receptacles

191130149001

Physical

Circuits (Loaded)

Circuits (maximum)

Diameter

Durability (mating cycles max)

Glow-Wire Capable

Guide to Mating Part

Height Above Board

Material - Metal

Material - Plating Mating

Material - Plating Termination

Mating Orientation

Net Weight

Number of Rows

Orientation

PCB Retention

Packaging Type

Pitch - Mating Interface

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

1

1

3.40mm

200

No

No

4.00mm

Copper Alloy

Gold

Silver

Top-entry

4.983/g

1

Vertical

None

Tray

N/A

No

-40° to +125°C

Press-Fit

Electrical

Current - Maximum per Contact

Voltage - Maximum

75.0A

600V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

600

SMC&WAVE

002

205

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

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June 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

204316 Series

Mates With

3.40mm Male Pin 203263

Reference - Drawing Numbers

Application Specification	2043130018-AS-000
Packaging Specification	2043180018-PK-000
Product Specification	2043130018-PS-000
Sales Drawing	2043160018-SD-000
Test Summary	2043130018-TS-000, 2043131234-TS-000

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