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Part Number:

0469842231

Status:

Active

Overview:

Mini-Fit Sr. Power Connectors

Description:

10.00mm Pitch Mini-Fit Sr. Header, Single Row, Right-Angle, 2.36mm PCB Thickness, Gold (Au) Plating, 2 Circuits

Documents:

- 3D Model

Product Specification PS-42815-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-45986-004-001 (PDF)
- 3D Model (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

PCB Headers

Series

46984

Application

Power, Wire-to-Board

Overview

Mini-Fit Sr. Power Connectors

Product Name

Mini-Fit Sr.

UPC

884982752559

Physical

Breakaway

No

Circuits (Loaded)

2

Circuits (maximum)

2

Color - Resin

Black

Durability (mating cycles max)

30

First Mate / Last Break

No

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

No

Mated Height

18.00mm

Material - Metal

Copper

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

6.869/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

3.50mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

2.36mm

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface

10.00mm

Plating min - Mating

2.540µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Fully

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

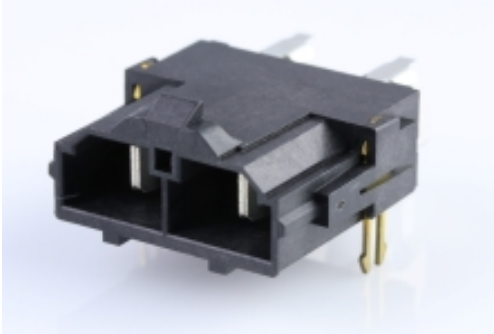
Electrical

Current - Maximum per Contact

50.0A

Voltage - Maximum

600V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

46984 Series

Mates With

Mini-Fit Sr. Receptacle Housing with TPA
42816

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45986-004-001
Product Specification	PS-42815-001-001
Sales Drawing	SDA-46984-001-001

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