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Part Number:

0428194214

Status:

Active

Overview:

Mini-Fit Sr. Power Connectors

Description:

10.00mm Pitch Mini-Fit Sr. Header, Single Row, Vertical, 1.57mm PCB Thickness, Silver (Ag) Plating, 4 Circuits

Documents:

3D Model (PDF)

3D Model

Drawing (PDF)

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

Test Summary TS-42815-004-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

42819

Power, Wire-to-Board

Mini-Fit Sr. Power Connectors

Mini-Fit Sr.

889056246163

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

4

4

Black

30

No

94V-0

No

No

None

Yes

Brass

Silver

Tin

High Temperature Thermoplastic

9.608/g

1

Vertical

3.50mm

Yes

Yes

1.57mm

Tray

10.00mm

10.00mm

2.540µm

2.540µm

Yes

Yes

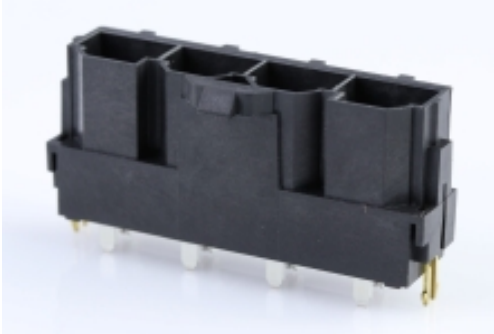
Fully

No

No

-40° to +105°C

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Not 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

42819 Series

Mates With

Mini-Fit Sr. Receptacle Housing with TPA 42816

Electrical

Current - Maximum per Contact	50.0A
Voltage - Maximum	600V

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	235

Material Info

Reference - Drawing Numbers

Product Specification	PS-42815-001-001
Sales Drawing	SDA-42819-0002-001
Test Summary	TS-42815-004-001

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