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Part Number:

0428206214

Status:

Active

Overview:

Mini-Fit Sr. Power Connectors

Description:

10.00mm Pitch Mini-Fit Sr. Header, Single Row, Right-Angle, 1.57mm PCB Thickness, Silver (Ag) Plating, 6 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

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Overview

Product Name

Taxonomy

UPC

PCB Headers

42820

Power, Wire-to-Board

Mini-Fit Sr. Power Connectors

Mini-Fit Sr.

PCB Headers and Receptacles

889056247078

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)

No

6

6

Black

30

No

94V-0

No

No

None

Yes

Brass

Silver

Tin

High Temperature Thermoplastic

18.272/g

1

Right Angle

3.50mm

Yes

Yes

1.57mm

Tube

10.00mm

10.00mm

2.540µm

2.540µm

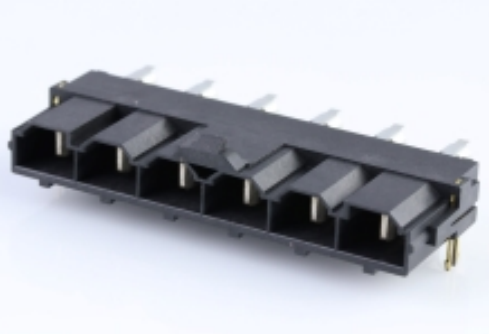
Yes

Yes

Fully

No

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

D(2022)4187-DC (10

June 2022)

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

42820 Series

Mates With

Mini-Fit Sr. Receptacle Housing with TPA

42816

Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
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-42820-0002-001
Test Summary	TS-42815-004-001

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