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Part Number: **0439151218**
Status: **Active**
Overview: Mini-Fit Sr. Power Connectors
Description: 10.00mm Pitch Mini-Fit Sr. Header, Dual Row, Vertical, 6.35mm PCB Thickness, 0.76µm Gold (Au) Selective Plating, 10 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [43915](#)
3D Viewer Yes
Application Power, Wire-to-Board
CURRENT-MAX-NUMERIC 50.0
Overview Mini-Fit Sr. Power Connectors
PITCH-MATING-NUMERIC 10.00
Product Name Mini-Fit Sr.
UPC 800756521374

Physical

Breakaway No
Circuits (Loaded) 10
Circuits (maximum) 10
Color - Resin Black
Durability (mating cycles max) 100
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Capable No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Brass, High Performance Alloy (HPA)
Material - Plating Mating Gold over Nickel
Material - Plating Termination Tin over Nickel
Material - Resin High Temperature Thermoplastic
Net Weight 23.520/g
Number of Rows 2
Orientation Vertical
PC Tail Length 8.30mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 6.35mm
Packaging Type Tray
Pitch - Mating Interface 10.00mm
Pitch - Termination Interface 10.00mm
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Not 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

[43915 Series](#)

Mates With

Mini-Fit Sr. Receptacle Housing [43914](#)

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

Sales Drawing SD-43915-001-001, SD-43915-002-001

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