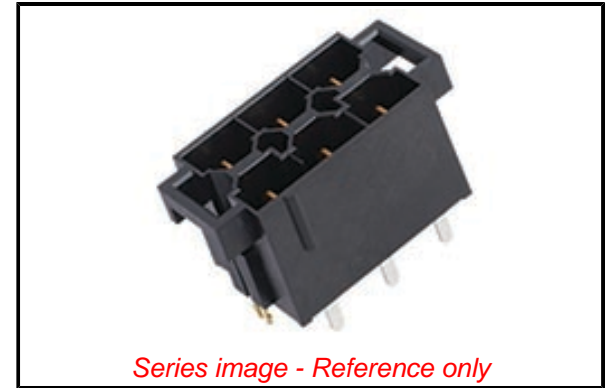


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0439151118**
Status: **Active**
Overview: Mini-Fit Sr. Power Connectors
Description: 10.00mm Pitch Mini-Fit Sr. Header, Dual Row, Vertical, 6.35mm PCB Thickness, Tin (Sn) Plating, 10 Circuits, USE NYE LUBE ON MATING SURFACES
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=0439151218439151218> (Gold)



Documents:

Drawing (PDF)	Application Specification AS-42815-001-001 (PDF)
Product Specification TS-42815-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	43915
Application	Power, Wire-to-Board
Comments	WHEN USING OVERALL TIN PLATED TERMINALS: FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING, MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT (NYOGEL 7600) ON THE MATING SURFACES OF THE TERMINAL. .
Overview	Mini-Fit Sr. Power Connectors
Product Name	Mini-Fit Sr.
Replacement Part Number	439151218 (Gold)
Replacement Part Number	439151418 (Silver)
UPC	800756450513

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
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	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	23.590/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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

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](#)

Pitch - Termination 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)	No
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-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	235

Material Info**Reference - Drawing Numbers**

Application Specification	AS-42815-001-001
Product Specification	TS-42815-001-001
Sales Drawing	SD-43915-001-001, SD-43915-002-001

This document was generated on 09/13/2021

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