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**Part Number:** [0439151219](#)  
**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, 12 Circuits

**Documents:**

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

**Agency Certification**

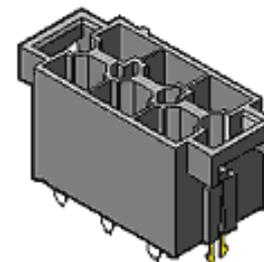
UL E29179

**General**

Product Family PCB Headers  
 Series [43915](#)  
 Application Power, Wire-to-Board  
 Overview [Mini-Fit Sr.™ Power Connectors](#)  
 Product Name Mini-Fit Sr.™  
 UPC 800756521428

**Physical**

Breakaway No  
 Circuits (Loaded) 12  
 Circuits (maximum) 12  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant 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 27.797/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  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

**Search Parts in this Series**

[43915 Series](#)

**Mates With**

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

**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 RPS-42815-011, RPS-42815-012, RPS-42815-013,  
RPS-42815-014  
Sales Drawing SD-43915-002

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