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**Part Number:** [0439151104](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Sr. Power Connectors  
**Description:** 10.00mm Pitch Mini-Fit Sr.™ Header, Dual Row, Vertical, 1.57mm PCB Thickness, Tin (Sn) Plating, 12 Circuits  
**Replacement Part Number:** <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=043915120443915-1204> (Gold)

**Documents:**

[Drawing \(PDF\)](#)      [Test Summary TS-42815-001 \(PDF\)](#)  
[Application Specification AS-42815-001-001 \(PDF\)](#)      [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

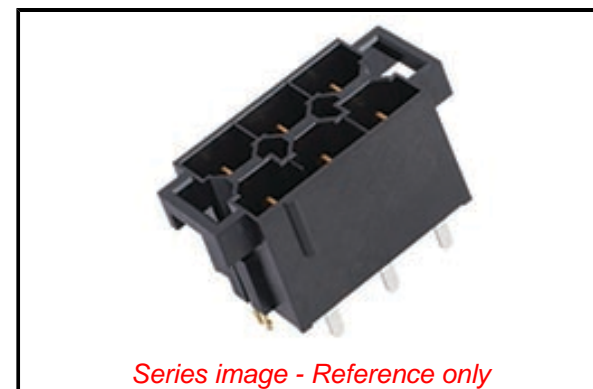
CSA      LR19980  
 UL      E29179

**General**

Product Family      PCB Headers  
 Series      [43915](#)  
 Application      Power, Wire-to-Board  
 Overview      [Mini-Fit Sr. Power Connectors](#)  
 Product Name      Mini-Fit Sr.™  
 Replacement Part Number      [43915-1204](#) (Gold)  
 Replacement Part Number      [43915-1404](#) (Silver)  
 UPC      800753934030

**Physical**

Breakaway      No  
 Circuits (Loaded)      12  
 Circuits (maximum)      12  
 Color - Resin      Black  
 Durability (mating cycles max)      30  
 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  
 Material - Plating Mating      Tin over Nickel  
 Material - Plating Termination      Tin over Nickel  
 Material - Resin      High Temperature Thermoplastic  
 Net Weight      26.143/g  
 Number of Rows      2  
 Orientation      Vertical  
 PC Tail Length      3.50mm  
 PCB Locator      Yes  
 PCB Retention      Yes  
 PCB Thickness - Recommended      1.57mm  
 Packaging Type      Tray  
 Pitch - Mating Interface      10.00mm  
 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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**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  
 RoHS Phthalates      Not Contained

**Search Parts in this Series**

[43915](#) Series

**Mates With**

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

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C 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
Sales Drawing	SD-43915-002
Test Summary	TS-42815-001

This document was generated on 08/30/2017

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