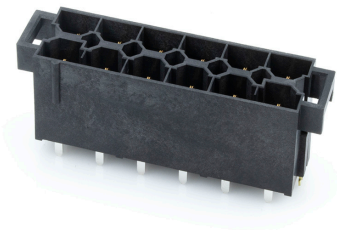




**Part Number :** [439151204](#)  
**Product Description :** 10.00mm Pitch Mini-Fit  
Sr. Header, Dual Row, Vertical, 1.57mm PCB  
Thickness, 0.76µm Gold (Au) Selective Plating,  
12 Circuits  
**Series Number :** 43915  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles




## Documents & Resources

**Drawings**  
[439151204\\_sd.pdf](#)

**3D Models and Design Files**  
[439151204\\_stp.zip](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	43915
Description	10.00mm Pitch Mini-Fit Sr. Header, Dual Row, Vertical, 1.57mm PCB Thickness, 0.76µm Gold (Au) Selective Plating, 12 Circuits
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Sr.
UPC	800756521381

### Agency

UL	E29179
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### Electrical

Current - Maximum per Contact	50.0A
Voltage - Maximum	600V

### 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 Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes

Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	26.059/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

## Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	235

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mini-Fit Sr. Dual Row Receptacle Housings	<u>43914</u>

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This document was generated on Oct 16, 2024