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Part Number: [43915-1207](#)
Status: **Active**
Overview: Mini-Fit Sr.™ Power Connectors
Description: 10.00mm Pitch Mini-Fit Sr.™ Header, Dual Row, Vertical, 2.36mm PCB Thickness, 0.76µm Gold (Au) Selective Plating, 8 Circuits

Documents:

[3D Model](#) [Product Specification PS-42815-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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 800756521114

Physical

Breakaway No
 Circuits (Loaded) 8
 Circuits (maximum) 8
 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
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 18.509g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 5.10mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.40mm
 Packaging Type Tray
 Pitch - Mating 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

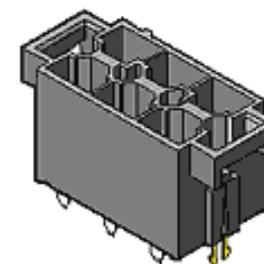


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Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[43915Series](#)

Mates With

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

Electrical

Current - Maximum per Contact 50A
Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 8
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 265

Material Info**Reference - Drawing Numbers**

Product Specification PS-42815-001, RPS-42815-011, RPS-42815-012,
RPS-42815-013, RPS-42815-014
Sales Drawing SD-43915-002

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