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Part Number: [43915-1104](#)
Status: **Active**
Overview: [Mini-Fit Sr.™](#)
Description: 10.00mm Pitch Mini-Fit Sr.™ Header, Dual Row, Vertical, 12 Circuits, 1.57mm PCB Thickness, Tin (Sn) Plating

Documents:

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

Agency Certification

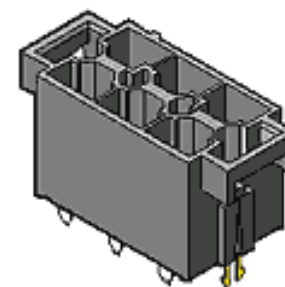
CSA LR19980
 UL E29179

General

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

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
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 3.50mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating 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°C to +105°C
 Termination Interface: Style Through Hole



Series

image - Reference only

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-42815-001, RPS-42815-011,
RPS-42815-012, RPS-42815-013, RPS-42815-014,
RPS-42815-015
Sales Drawing SD-43915-002
Test Summary TS-42815-001

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