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Part Number: 42820-6213 Status: Active

Overview: Mini-Fit Sr.™

10.00mm Pitch Mini-Fit Sr.™ Header, Single Row, Right Angle, 6 Circuits, 1.57mm **Description:** 

PCB Thickness, 0.76µm Gold (Au) Selective Plating

**Documents:** 

3D Model Application Specification AS-42815-001 (PDF) Drawing (PDF) RoHS Certificate of Compliance (PDF)

**Agency Certification** 

LR19980 CSA TUV R72081037 UL E29179

General

**PCB Headers Product Family** Series 42820

Power, Wire-to-Board Application

Mini-Fit Sr.™ Overview Mini-Fit Sr.™ **Product Name** 

**Physical** 

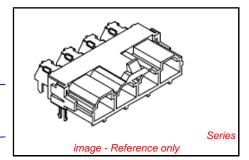
Breakaway No Circuits (Loaded) 6 Circuits (maximum) 6 Color - Resin Black Durability (mating cycles max) 100 First Mate / Last Break No Flammability 94V-0 Glow-Wire Compliant No Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes Material - Metal **Brass** Material - Plating Mating Gold Material - Plating Termination

Material - Resin High Temperature Thermoplastic

Number of Rows

Orientation Right Angle PC Tail Length 3.50mm Yes **PCB** Locator **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tube Pitch - Mating Interface 10.00mm Pitch - Termination Interface 10.00mm Plating min - Mating  $0.762 \mu m$ 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



**EU RoHS** China RoHS **ELV and RoHS** Compliant **REACH SVHC Contains SVHC: No** Low-Halogen Status **Not Reviewed** 

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

42820 Series

**Mates With** 

Mini-Fit Sr.™ Receptacle Housing with TPA 42816

**Electrical** 

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

**Solder Process Data** 

Duration at Max. Process Temperature (seconds)

Wave Capable (TH only)

Lead-free Process Capability
Max. Cycles at Max. Process Temperature Process Temperature max. C 265

**Material Info** 

UPC 800756516004

**Reference - Drawing Numbers** 

Application Specification AS-42815-001

Product Specification RPS-42815-011, RPS-42815-012, RPS-42815-013,

RPS-42815-014

Sales Drawing SDA-42820-0002

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