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Part Number: [0428202214](#)
Status: **Active**
Overview: [Mini-Fit Sr. Power Connectors](#)
Description: 10.00mm Pitch Mini-Fit Sr. Header, Single Row, Right-Angle, 1.57mm PCB Thickness, Silver (Ag) Plating, 2 Circuits

Documents:
[3D Model \(PDF\)](#) [Product Specification PS-42815-001-001 \(PDF\)](#)
[3D Model](#) [Test Summary TS-42815-004-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [42820](#)
Application Power, Wire-to-Board
Overview [Mini-Fit Sr. Power Connectors](#)
Product Name Mini-Fit Sr.
UPC 889056246712

Physical

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Black
Durability (mating cycles max) 30
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 Silver
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 6.893/g
Number of Rows 1
Orientation Right Angle
PC Tail Length 3.50mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.57mm
Packaging Type Tube
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
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[42820 Series](#)

Mates With

Mini-Fit Sr. Receptacle Housing with TPA
[42816](#)

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-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	235
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-42815-001-001
Sales Drawing	SDA-42820-0002-001
Test Summary	TS-42815-004-001

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