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Part Number: [0428192212](#)
Status: **Active**
Description: 10.00mm (.394") Pitch Mini-Fit Sr.™ Header, Single Row, Vertical, 2 Circuits, 1.57mm (.062") PCB Thickness, Tin (Sn) Plating

Documents:

- | | |
|------------------------------------|--|
| 3D Model | Product Literature (PDF) |
| Test Summary (PDF) | Product Specification PS-42815-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |

General

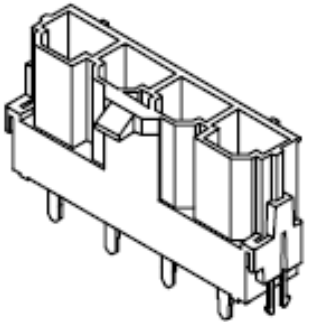
Product Family	PCB Headers
Series	42819
Application	Wire-to-Board
Product Name	Mini-Fit Sr.™

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 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	1
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.394 In
Pitch - Mating Interface (mm)	10.00 mm
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.50
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.50
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

Electrical

CSA	LR19980
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Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

China RoHS



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environmental compliance?**

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non-product compliance questions.

Search Parts in this Series

[42819](#) Series

Mates With

[42816](#) Receptacle with TPA

Current - Maximum	48A
TUV	R72081037
UL	E29179
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	265
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-42815-001
Product Specification	RPS-42815-001
Product Specification	RPS-42815-010
Product Specification	RPS-42815-011
Product Specification	RPS-42815-012
Product Specification	RPS-42815-013
Product Specification	RPS-42815-014
Product Specification	RPS-42815-015
Sales Drawing	SDA-42819-0002

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