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Part Number:

0428202222

Status:

Active

Description:

10.00mm (.394") Pitch Mini-Fit Sr.™ Header, Single Row, Right Angle, 2 Circuits, 2.36mm (.093") PCB Thickness, Tin (Sn) Plating

Documents:

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

General

Product Family

Series

Application

Product Name

PCB Headers

42820

Wire-to-Board

Mini-Fit Sr.™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

2

2

Black

30

No

94V-0

No

No

None

Yes

Brass

Tin

Tin

High Temperature Thermoplastic

1

Right Angle

0.201 In

5.10 mm

Yes

Yes

0.093 In

2.40 mm

Tube

0.394 In

10.00 mm

100

2.50

100

2.50

Yes

Yes

Fully

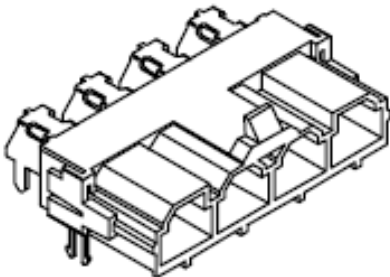
No

No

-40°C to +105°C

Through Hole

Electrical



Series image - Reference only

EU RoHS

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

China RoHS



Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

42820 Series

Mates With

42816 Receptacle with TPA

CSA	LR19980
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-42815-011
Product Specification	RPS-42815-012
Product Specification	RPS-42815-013
Product Specification	RPS-42815-014
Product Specification	RPS-42815-015
Sales Drawing	SDA-42820-0002

This document was generated on 11/05/2009

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