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Part Number:

42820-3232

Status:

Active

Overview:

Mini-Fit Sr.™

Description:

10.00mm Pitch Mini-Fit Sr.™ Header, Single Row, Right Angle, 3 Circuits, 3.17mm PCB Thickness, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-42815-001 (PDF)

Test Summary TS-42815-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

TUV

R72081037

UL

E29179

General

Product Family

PCB Headers

Series

42820

Application

Power, Wire-to-Board

Overview

Mini-Fit Sr.™

Product Name

Mini-Fit Sr.™

Physical

Breakaway

No

Circuits (Loaded)

3

Circuits (maximum)

3

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

Right Angle

PC Tail Length

5.10mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

3.20mm

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°C to +105°C

Termination Interface: Style

Through Hole

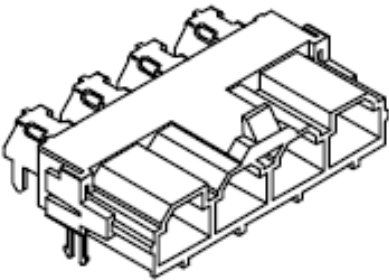


image - Reference only

Series

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

42820Series

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)	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, RPS-42815-001, RPS-42815-011, RPS-42815-012, RPS-42815-013, RPS-42815-014, RPS-42815-015
Sales Drawing	SDA-42820-0002
Test Summary	TS-42815-001

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