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Part Number:

0039307205

Status:

Active

Overview:

minifit_jr

Description:

4.20mm Pitch Mini-Fit Jr.™ Header, Dual Row, Right Angle, with Snap-in Plastic Peg
PCB Lock, 20 Circuits, PA Polyamide Nylon 6/6, 94V-2, Tin (Sn) Over Nickel (Ni)
Plating



Series

image - Reference only

Documents:

- 3D Model

Packaging Specification PK-5569-002 (PDF)
- Drawing (PDF)

Test Summary TS-5556-002 (PDF)
- Product Specification PS-5556-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

5569

Application

Power, Wire-to-Board

Comments

Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit® Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex Product specification PS-5556001 for additional current de-rating information.

Overview

minifit_jr

Product Name

Mini-Fit Jr.™

Physical

Breakaway

No

Circuits (Loaded)

20

Circuits (maximum)

20

Color - Resin

Natural

Durability (mating cycles max)

30

First Mate / Last Break

No

Flammability

94V-2

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

Nickel

Material - Resin

Nylon

Number of Rows

2

Orientation

Right Angle

PC Tail Length

3.50mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.78mm

Packaging Type

Bag

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Fully

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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
5569Series

Mates With
5557 Mini-Fit Jr.™ Receptacle Housing

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Old Part Number	5569-20A2S
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Reference - Drawing Numbers

Packaging Specification	PK-5569-002
Product Specification	PS-5556-001, RPS-5556-004
Sales Drawing	SDA-5569-NA2*-*
Test Summary	TS-5556-002

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