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Part Number:

0039300020

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Jr. Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 2 Circuits, PA Polyamide Nylon 6/6 94V-0, Tin (Sn) Plating

Documents:

- 3D Model

Drawing (PDF)

Product Specification PS-45750-001-001 (PDF)

Product Specification PS-5556-001-001 (PDF)

Product Specification PS-5557-045-001 (PDF)
- Product Specification TS-5556-002-001 (PDF)

Application Specification AS-5557-001-001 (PDF)

Packaging Specification PK-5569-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

PCB Headers

5569

Power, Wire-to-Board

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-5556-001 for additional current de-rating information.

Overview

Product Name

UPC

Mini-Fit Jr. Power Connectors

Mini-Fit Jr.

800753629332

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

No

2

2

Natural

30

No

94V-0

No

No

None

Yes

Brass

Matte Tin

Matte Tin

Nylon

0.901/g

2

Right Angle

Yes

Yes

1.78mm

Bag

4.20mm

4.20mm

2.540µm

2.540µm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

5569 Series

Mates With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit Jr. TPA Cable Assembly [45135](#)

Mini-Fit Jr. Cable Assembly [245135](#)

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

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

Material Info

Engineering Number	5569-02A2-210
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Reference - Drawing Numbers

Application Specification	AS-5557-001-001
Packaging Specification	PK-5569-002-001
Product Specification	PS-45750-001-001, PS-5556-001-001, PS-5557-045-001, TS-5556-002-001
Sales Drawing	55690002-SD-000

This document was generated on 05/23/2018

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