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Part Number:

0039291188

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Jr. Header, Dual Row, Right Angle, with PCB Mounting Flange, 18 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating

Documents:

- 3D Model

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

Packaging Specification PK-5569-NA (PDF)
- Product Specification PS-45750-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-5556-001 (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-5556-001 for additional current de-rating information.

MolexKits

Yes

Overview

Mini-Fit Jr.™ Power Connectors

Product Name

Mini-Fit Jr.™

UPC

800753580626

Physical

Breakaway

No

Circuits (Loaded)

18

Circuits (maximum)

18

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

Matte Tin

Material - Plating Termination

Matte Tin

Material - Resin

Nylon

Net Weight

6.546/g

Number of Rows

2

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.78mm

Packaging Type

Bag

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Plating min - Mating

2.540µm

Plating min - Termination

2.540µm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

Green Image

Not Relevant

Search Parts in this Series

5569 Series

Mates With

5557 Mini-Fit Jr.™ Receptacle Housing

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	260
Material Info	
Engineering Number	5569-18A1
Reference - Drawing Numbers	
Packaging Specification	PK-5569-002, PK-5569-NA*
Product Specification	PS-45750-001, PS-5556-001
Sales Drawing	SD-5569-002

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