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Part Number:0039291168

Status:Active

Overview:Mini-Fit Jr. Power Connectors

Description:Mini-Fit Jr. Header, Dual Row, Right-Angle, with PCB Mounting Flange, 16 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-45750-001-001 (PDF)
- Product Specification PS-5556-001-001 (PDF)
- Application Specification AS-5557-001-001 (PDF)
- Packaging Specification 55690001-PK-000 (PDF)
- Packaging Specification PK-5569-002-001 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

3D Viewer

Application

CURRENT-MAX-NUMERIC

Comments

PCB Headers

5569

Yes

Power, Wire-to-Board

13.0

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.

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.

Comments

Overview

PITCH-MATING-NUMERIC

Product Name

UPC

Mini-Fit Jr. Power Connectors

4.20

Mini-Fit Jr.

800753580619

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

No

16

16

Natural

30

No

94V-2

No

No

None

Yes

Brass

Matte Tin

Matte Tin

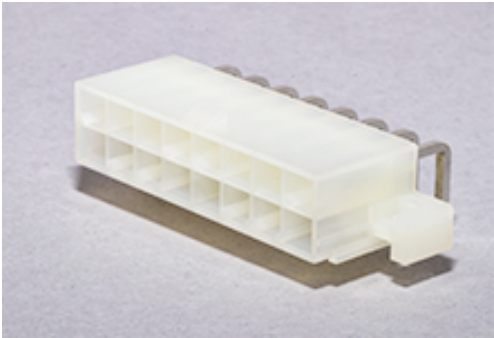
Nylon

5.699/g

2

Right Angle

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

5569 Series

Mates With

5557 Mini-Fit Jr. Receptacle Housing, Mini-Fit TPA2 Receptacle Housing 172708

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
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° 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	5569-16A1
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Reference - Drawing Numbers

Application Specification	AS-5557-001-001
Packaging Specification	55690001-PK-000, PK-5569-002-001
Product Specification	PS-45750-001-001, PS-5556-001-001
Sales Drawing	SD-5569-002-000

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