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Part Number:

39-29-1248

Status:

Active

Overview:

Mini-Fit Jr.™

Description:

4.20mm Pitch Mini-Fit Jr.™ Header, Dual Row, Right Angle, with PCB Mounting Flange, 24 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-5556-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

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-5556001 for additional current de-rating information.

Overview

Product Name

Mini-Fit Jr.™

Mini-Fit Jr.™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

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

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

No

24

24

Natural

30

No

94V-2

No

No

None

Yes

Brass

Tin

Tin

Nylon

2

Right Angle

Yes

Yes

1.78mm

Bag

4.20mm

4.20mm

0.762µm

5.080µm

Yes

Yes

Fully

No



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

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

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	260

Material Info

Old Part Number	5569-24A1
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Reference - Drawing Numbers

Product Specification	PS-5556-001
Sales Drawing	SD-5569-002

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