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Part Number:

39-31-0060

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Jr. Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 6 Circuits, PA Polyamide Nylon 6/6 94V-0, Tin (Sn) Plating, with Drain Holes

Documents:

3D Model

Packaging Specification PK-42641-001 (PDF)

Drawing (PDF)

Packaging Specification PK-5566-003 (PDF)

Product Specification PS-5556-001 (PDF)

RoHS Certificate of Compliance (PDF)



image - Reference only

Series

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

5566

Application

Power, Wire-to-Board

Comments

The 5566 header should be used with standard Mini-Fit® female terminals. If increased amperage of up to 13A per circuit is needed, please consider using the Mini-Fit® Plus HCS family 45750 terminals with 46015 headers; . See Molex Product specification PS-5666-001 for current de-rating information.

Overview

Mini-Fit Jr.™ Power Connectors

Product Name

Mini-Fit Jr.™

UPC

800754249591

Physical

Breakaway

No

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Natural

Durability (mating cycles max)

30

First Mate / Last Break

No

Flammability

94V-0

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

Tin

Material - Resin

Nylon

Net Weight

1.776/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

3.50mm

PCB Locator

Yes

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Polarized to Mating Part

Yes

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

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

5566Series

Mates With

5557 Mini-Fit Jr.™ Receptacle Housing

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	9A
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	5566-06B-210
Reference - Drawing Numbers	
Packaging Specification	PK-42641-001, PK-5566-003
Product Specification	PS-5556-001
Sales Drawing	SD-5566-002

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