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Part Number:

39-28-1183

Status:

Active

Overview:

Mini-Fit Jr.™

Description:

4.20mm Pitch Mini-Fit Jr.™ Header, Dual Row, Vertical, without Snap-in Plastic Peg
PCB Lock, 18 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, without Drain
Holes



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-5556-001 \(PDF\)](#)
- [Packaging Specification PK-5566-003 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

5566

Power, Wire-to-Board

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-45750-001 for additional current de-rating information.

MolexKits

Yes

Overview

Mini-Fit Jr.™

Product Name

Mini-Fit Jr.™

UPC

800753581647

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

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

4.735/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

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

Use With

5556 Mini-Fit® Crimp Terminal

Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	0.889µm
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°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	5566-18A
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Reference - Drawing Numbers

Packaging Specification	PK-5566-003
Product Specification	PS-5556-001, RPS-5556-004
Sales Drawing	SD-5566-002

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