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Part Number: 39-30-6187

Status: **Active**

Mini-Fit Jr.™ Power Connectors **Overview:**

Mini-Fit® Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 18 **Description:**

Circuits, PA Polyamide Nylon 6/6, UL 94V-2, Tin (Sn) Over Nickel (Ni) Plating, with

Drain Holes

Documents:

3D Model Test Summary TS-5556-002 (PDF) RoHS Certificate of Compliance (PDF) Drawing (PDF)

Product Specification PS-5556-001 (PDF)

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-

4.20mm

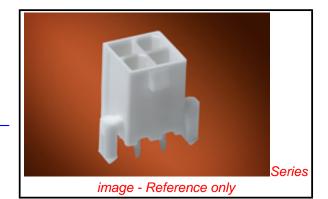
Fit® female terminals. If increased amperage of up to 13A per circuit is needed, please consider using the Mini-Fit® Plus HCS family 45750 terminals with 46015 headers; . See Molex Product specification PS-5666-001 for current de-rating information.

Mini-Fit Jr.™ Power Connectors Overview

Product Name Mini-Fit Jr.™ **UPC** 822350910521

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 3.614/a Number of Rows 2 Orientation Vertical PC Tail Length 3.50mm **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 4.20mm Pitch - Termination Interface



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

5566 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 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 235

Material Info

Old Part Number 5566-18B2S

Reference - Drawing Numbers

Product Specification PS-5556-001, RPS-5556-004

Sales Drawing SDA-5566-N*2*-* Test Summary TS-5556-002

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