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Part Number: 0039301100

Status: **Active**

Mini-Fit Jr. Power Connectors Overview:

Mini-Fit Jr. Header, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 10 **Description:**

Circuits, Nylon 6/6 94V-2, 2.54µm Matte Tin (Sn) Plating, Natural, Bag

Documents:

3D Model (PDF) Application Specification AS-5557-001-001 (PDF) Packaging Specification PK-5569-002-001 (PDF) **Drawing (PDF)** Packaging Specification SPK-5569-NA2 (PDF) 3D Model

Test Summary TS-5556-002-001 (PDF) Product Specification PS-45750-001-001 (PDF) RoHS Certificate of Compliance (PDF) Product Specification PS-5556-001-001 (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series 5569

Power, Wire-to-Board Application

Comments 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 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.

Mini-Fit Jr. Power Connectors Overview

Product Name Mini-Fit Jr. **UPC** 800753748132

Physical

Breakaway No Circuits (Loaded) 10 Circuits (maximum) 10 Color - Resin Natural Durability (mating cycles max) 30 First Mate / Last Break Nο Flammability 94V-2 Glow-Wire Capable No Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes Material - Metal **Brass** Material - Plating Mating Matte Tin Material - Plating Termination Matte Tin Material - Resin Nvlon Net Weight 3.692/aNumber of Rows

Orientation Right Angle 3.60mm PC Tail Length **PCB Locator** Yes **PCB** Retention Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC

Not Contained Per -ECHA_01_2020 (16

January 2020 **Halogen-Free**

Status

Low-Halogen

For more information, please visit Contact US

China ROHS Green Image **ELV** Not Relevant **RoHS Phthalates** Not Contained

Search Parts in this Series

5569 Series

Mates With

Mini-Fit Jr. Receptacle Housing 5557
Mini-Fit Jr. Cable Assembly 245135 , Mini-Fit TPA2 Receptacle Housing 172708 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 AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Max. Cycles at Max. Process Temperature

O01

Process Temperature max. C

240

Material Info

Engineering Number 5569-10A2

Reference - Drawing Numbers

Application Specification AS-5557-001-001

Packaging Specification PK-5569-002-001, SPK-5569-NA2 Product Specification PS-45750-001-001, PS-5556-001-001

 Sales Drawing
 55690002-SD-000

 Symbol/Footprint Data
 SYM-39-30-1100

 Test Summary
 TS-5556-002-001

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