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Part Number: 46999-0114

Status: **Active**

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

Mini-Fit® Jr. Header, Right Angle with Snap-in Plastic Peg PCB Lock, 2 Circuits, **Description:**

Unfilled Nylon 6/6, UL 94V-0, Gold Over Tin, Glow Wire

Documents:

3D Model Test Summary TS-5556-002 (PDF) Drawing (PDF) Test Summary TS-5569-001 (PDF) RoHS Certificate of Compliance (PDF) Product Specification PS-45750-001 (PDF)

Product Specification PS-5556-001 (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series 5569

Application Power, Wire-to-Board 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-45750-001 for additional current de-rating information. <P><P>This Molex product is manufactured from material that has the following ratings, tested by independent agencies:. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."

Mini-Fit Jr.™ Power Connectors

Mini-Fit Jr.™ 884982639553

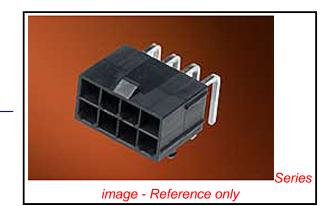
Physical

Overview

UPC

Product Name

Breakaway No Circuits (Loaded) 2 Circuits (maximum) 2 Color - Resin Black Durability (mating cycles max) 30 First Mate / Last Break No Flammability 94V-0 **Glow-Wire Compliant** 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

5569Series

Mates With

5557 Mini-Fit Jr.™ Receptacle Housing

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 0.853/qNumber of Rows

Orientation Right Angle **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 4.20mm Pitch - Termination Interface 4.20mm Plating min - Mating 2.540µm Plating min - Termination 1.270µm Polarized to Mating Part Yes Polarized to PCB Yes

Temperature Range - Operating -40°C to +105°C Termination Interface: Style Through Hole

Fully

No

No

Electrical

Shrouded

Stackable

Current - Maximum per Contact 13A Voltage - Maximum 600V

Solder Process Data

Surface Mount Compatible (SMC)

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 240

Material Info

Old Part Number 5569-02A2GS-225-T

Reference - Drawing Numbers

Product Specification PS-45750-001, PS-5556-001
Sales Drawing SD-5569-NA2*-225
Test Summary TS-5566-002, TS-5569-001

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