

This document was generated on 04/29/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: <u>50-36-2375</u>

Status: Active
Overview: Mini-Fit Jr.™

Description: 4.20mm Pitch Mini-Fit Jr.™ Header, Right Angle, with PCB Mounting Pegs, 2 Circuits,

PA Polyamide Nylon 6/6, 94V-0, Bright Tin (Sn) over Nickel (Ni) Plating, Glow Wire

Compatible

Documents:

3D Model Packaging Specification PK-5569-002 (PDF)

Drawing (PDF)
Product Specification PS-5556-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980 TUV R72081037 UL E29179

General

Product Family PCB Headers

Series <u>5569</u>

Application Power, Wire-to-Board
Comments "Current = 13A max. per circuit when

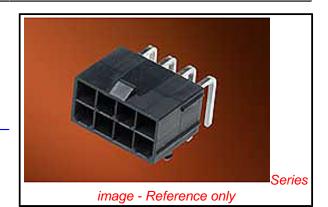
"Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit® Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex Product specification PS-5556001 for additional current de-rating information.<P><P>This Molex product is manufactured from material that has the 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."

OverviewMini-Fit Jr. $^{\text{TM}}$ Product NameMini-Fit Jr. $^{\text{TM}}$ UPC883906540869

Physical

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



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 <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

5569 Series

Mates With

5557 Mini-Fit Jr.™ Receptacle

Glow-Wire Compliant Yes Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes Material - Metal **Brass** Material - Plating Mating Nickel Material - Plating Termination Tin Material - Resin Nylon Net Weight 0.852/gNumber of Rows

Orientation Right Angle PC Tail Length 3.60mm **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.78mm Packaging Type Bag Pitch - Mating Interface 4.20mm Pitch - Termination Interface 4.20mm 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 240

Material Info

Old Part Number 5569-02A2MS-225

Reference - Drawing Numbers

Packaging Specification PK-5569-002
Product Specification PS-5556-001
Sales Drawing SD-5569-NA2*-225
Test Summary TS-5556-002

This document was generated on 04/29/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

50-36-2375