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 Part Number:
 39-29-6048

 Status:
 Active

 Overview:
 Mini-Fit Jr.™

Description: 4.20mm Pitch Mini-Fit Jr.™ Header, Dual Row, Vertical, without Snap-in Plastic Peg

PCB Lock, 4 Circuits, PA Polyamide Nylon 6/6 94V-0, 0.76µm Gold (Au) Selective

Plating, without Drain Holes

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 PCB Headers
Series 5566

Application Power, Wire-to-Board
Comments 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. <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 enduse 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. <u>Mini-Fit Jr.™</u> Mini-Fit Jr.™

Physical

Overview Product Name



image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



Need more information on product environmental compliance?

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

Please visit the <u>Contact Us</u> 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

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 Gold Material - Plating Termination Tin Material - Resin Nylon Number of Rows Orientation Vertical PC Tail Length 3.50mm PCB Locator Yes **PCB** Retention None PCB Thickness - Recommended 1.60mm Packaging Type Bag Pitch - Mating Interface 4.20mm Pitch - Termination Interface 4.20mm Plating min - Mating 0.762µm 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 5566-04AGS-210

Reference - Drawing Numbers

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

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