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Part Number: 0039299042

Status: Active

Overview: Mini-Fit Jr. Power Connectors

Description: Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 4 Circuits, with Snap-in Plastic

Peg PCB Lock, Tin, Natural

Documents:

3D Model (PDF)

Drawing (PDF)

Application Specification AS-5566-001-001 (PDF)

Packaging Specification PK-5566-001-001 (PDF)

3D ModelTest Summary TS-5556-002-001 (PDF)Product Specification PS-5556-001-001 (PDF)Test Summary TS-5566-002-001 (PDF)Application Specification AS-5557-001-001 (PDF)RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>5566</u>

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 <u>45750</u> terminals with <u>46015</u> headers;

See Molex Product specification PS-5666-001 for current de-rating information.

Mini-Fit Jr. Power Connectors

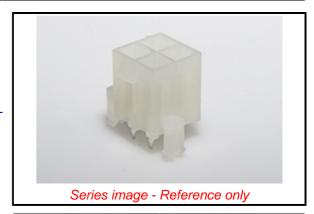
Product Name Mini-Fit Jr. UPC 800753579958

Physical

Overview

Breakaway No Circuits (Loaded) 4 Circuits (maximum) Color - Resin Natural Durability (mating cycles max) 30 First Mate / Last Break No Flammability 94V-2 Glow-Wire Capable No Guide to Mating Part No None Yes

Keying to Mating Part Lock to Mating Part Material - Metal **Brass** Material - Plating Mating Tin Material - Plating Termination Tin Material - Resin Nylon Net Weight 1.000/g Number of Rows 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 4.20mm



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

5566 Series

Mates With

Mini-Fit Jr. Receptacle Housing 5557

Assembly 45135

Assembly 245135 ,

Mini-Fit TPA2 Receptacle Housing 172708 Plating min - Mating 0.889µm
Plating min - Termination 0.889µm
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 9.0A Voltage - Maximum 600V

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 5566-04B2

Reference - Drawing Numbers

Application Specification AS-5557-001-001, AS-5566-001-001

Packaging Specification PK-5566-001-001
Product Specification PS-5556-001-001
Sales Drawing 55660021-SD-000

Test Summary TS-5556-002-001, TS-5566-002-001

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