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Part Number:

1724480006

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Jr.™ Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 6 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow Wire Capable

Documents:

- 3D Model

Product Specification TS-5556-002-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-5569-003 (PDF)
- Product Specification PS-45750-001-001 (PDF)

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

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

172448

Application

Power, Wire-to-Board

Overview

Mini-Fit Jr. Power Connectors

Product Name

Mini-Fit Jr.™

UPC

887191729152

Physical

Breakaway

No

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Black

Durability (mating cycles max)

30

First Mate / Last Break

No

Flammability

94V-2

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

Tin

Material - Resin

Nylon

Net Weight

2.377/g

Number of Rows

2

Orientation

Right Angle

PC Tail Length

3.60mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.78mm

Packaging Type

Tray

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Plating min - Mating

0.762µm

Plating min - Termination

0.762µm

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

172448 Series

Mates With

46992 Mini-Fit® Jr. Receptacle

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	13.0A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	220
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-5569-003
Product Specification	PS-45750-001-001, PS-5556-001, TS-5556-002-001
Sales Drawing	SD-172448-0000

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