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Part Number:

1724470006

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Jr. Header, Dual Row, Vertical, 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

Test Summary TS-5556-002-001 (PDF)
- Drawing (PDF)

Test Summary TS-5566-002-001 (PDF)
- 3D Model (PDF)

Symbol Footprint Data SYM-172447-XX06 (PDF)
- Product Specification PS-5556-001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Packaging Specification PK-5566-001-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

172447

Application

Power, Wire-to-Board

Overview

Mini-Fit Jr. Power Connectors

Product Name

Mini-Fit Jr.

UPC

887191729602

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 Capable

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

1.524/g

Number of Rows

2

Orientation

Vertical

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

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° to +105°C

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not 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

172447 Series

Mates With

46992 Mini-Fit Jr. Receptacle, 172708 Mini-Fit TPA2 Receptacle Housing

Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V AC (RMS)/DC

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-5566-001-001
Product Specification	PS-5556-001-001
Sales Drawing	SD-172447-0000-001
Symbol/Footprint Data	SYM-172447-XX06
Test Summary	TS-5556-002-001, TS-5566-002-001

This document was generated on 07/28/2020

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