

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1724470012

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 12 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow-Wire Capable

Documents:

- 3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-5556-001-001 (PDF)

Packaging Specification PK-5566-001-001 (PDF)
- Test Summary TS-5556-002-001 (PDF)

Test Summary TS-5566-002-001 (PDF)

Symbol Footprint Data SYM-172447-XX12 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

172447

Power, Wire-to-Board

Mini-Fit Jr. Power Connectors

Mini-Fit Jr.

887191730141

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

12

12

Black

30

No

94V-2

Yes

No

None

Yes

Brass

Tin

Nylon

2.735/g

2

Vertical

Yes

Yes

1.60mm

Tray

4.20mm

4.20mm

Yes

Yes

Fully

No

No

-40° to +105°C

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

ELV

RoHS Phthalates

Green Image

Not Relevant

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-XX12
Test Summary	TS-5556-002-001, TS-5566-002-001

This document was generated on 07/17/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION