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Part Number:

0460101421

Status:

Active

Overview:

Mini-Fit Plus Connector System

Description:

Mini-Fit Plus PCB Receptacle, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, 14 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) Over Nickel (Ni) Plating

Documents:

Drawing (PDF)

3D Model

Product Specification PS-45750-001-001 (PDF)

Packaging Specification PK-42385-999-001 (PDF)

Test Summary 423850000-TS-000 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

3D Viewer

Application

Comments

Comments

Overview

Product Name

UPC

PCB Receptacles

46010

Yes

Board-to-Board, Power

Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit Plus HCS Crimp Terminal Crimped to 16 AWG wire. . See Molex product specification for additional current de-rating information.

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Mini-Fit Plus Connector System

Mini-Fit Plus

883906726508

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

14

14

Natural

30

94V-0

No

Yes

None

None

Copper Alloy

Tin

Tin

Nylon

3.002/g

2

Vertical

1.80mm

Yes

Yes

Tray

4.20mm

2.540µm

1.270µm

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

46010 Series

Mates With

42404 Mini-Fit BMI Right Angle Header,

46011 Mini-Fit Plus Vertical Header, 42475

Mini-Fit BMI Plug Housing

|                                                |                  |
|------------------------------------------------|------------------|
| Polarized to PCB                               | Yes              |
| Stackable                                      | No               |
| Surface Mount Compatible (SMC)                 | No               |
| Temperature Range - Operating                  | -40° to +105°C   |
| Termination Interface: Style                   | Through Hole     |
| <b>Electrical</b>                              |                  |
| Current - Maximum per Contact                  | 13.0A            |
| Grounding to PCB                               | Yes              |
| Voltage - Maximum                              | 600V             |
| <b>Solder Process Data</b>                     |                  |
| Duration at Max. Process Temperature (seconds) | 005              |
| Lead-freeProcess Capability                    | WAVE             |
| Max. Cycles at Max. Process Temperature        | 001              |
| Process Temperature max. C                     | 240              |
| <b>Material Info</b>                           |                  |
| <b>Reference - Drawing Numbers</b>             |                  |
| Packaging Specification                        | PK-42385-999-001 |
| Product Specification                          | PS-45750-001-001 |
| Sales Drawing                                  | SD-46010-001-000 |
| Test Summary                                   | 423850000-TS-000 |

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