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Part Number:

0460100612

Status:

Active

Overview:

Mini-Fit Plus Connector System

Description:

Mini-Fit Plus PCB Receptacle, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, 6 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-2, Select Gold (Au) Over Nickel (Ni) Plating

Documents:

3D Model

Packaging Specification PK-42385-999 (PDF)

Drawing (PDF)

Test Summary 423850000-TS-000 (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Receptacles

46010

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.

Mini-Fit Plus Connector System

Mini-Fit Plus

883906727291

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

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

6

6

Natural

30

94V-2

No

Yes

None

None

Copper Alloy

Gold

Tin

Nylon

1.303/g

2

Vertical

1.80mm

Yes

Yes

Tray

4.20mm

0.762µm

2.540µm

Yes

Yes

No

No

-40°C to +105°C

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2018 (15

January 2018)

Halogen-Free

Status

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

46010 Series

Mates With

42404 Mini-Fit BMI Right Angle Header,

46011 Mini-Fit Plus Vertical Header, 42475

Mini-Fit BMI Plug Housing

Electrical

Current - Maximum per Contact	13.0A
Grounding to PCB	Yes
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-42385-999
Product Specification	PS-45750-001-001
Sales Drawing	SD-46010-001-000
Test Summary	423850000-TS-000

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