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Part Number:

0460110603

Status:

Active

Overview:

Mini-Fit® Plus Connector System

Description:

Mini-Fit® Plus Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, 6 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, 0.76µm Gold (Au) Selective Plating, Halogen Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45750-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

46011

Board-to-Board, Power, Wire-to-Board

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 PS-45750-001 for additional current de-rating information.

Mini-Fit® Plus Connector System

Mini-Fit® Plus

822350726412

Overview

Product Name

UPC

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

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

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

No

6

6

Natural

50

No

94V-0

Yes

Yes

None

Yes

Copper Alloy

Gold

Tin

Nylon

2.026/g

2

Vertical

1.80mm

Yes

Yes

1.78mm

Tray

4.20mm

0.762µm

2.540µm

Yes

Yes

Fully



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -ED/79/2015 (17 December 2015)

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

Search Parts in this Series

46011 Series

Mates With

15-06-0041 Mini-Fit® BMI Panel Mount Receptacle, 39-01-2045 Mini-Fit Jr.™ Receptacle, 46010-0422 Mini-Fit® Plus Receptacle Header

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
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	240
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-45750-001
Sales Drawing	SD-46011-001

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