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Part Number:**0460100621**

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-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

ULE29179

General

Product Family

Series

3D Viewer

Application

Comments

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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Comments

Overview

Product Name

UPC

[Mini-Fit Plus Connector System](#)

Mini-Fit Plus

883906726485

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

6

6

Natural

30

94V-0

No

Yes

None

None

Copper Alloy

Tin

Tin

Nylon

1.329/g

2

Vertical

1.80mm

Yes

Yes

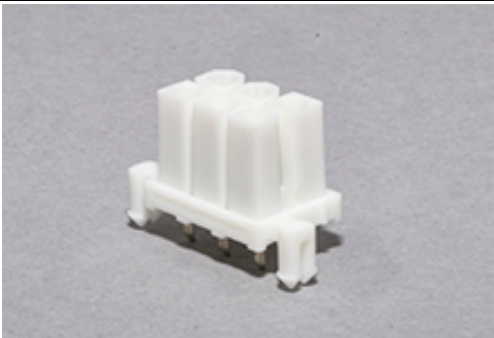
Tray

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

ELV

RoHS Phthalates

Green Image

Not Relevant

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
Electrical	
Current - Maximum per Contact	13.0A
Grounding to PCB	Yes
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	
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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