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Part Number:

1726750613

Status:

Active

Overview:

Mini-Fit® Plus Connector System

Description:

Mini-Fit® Plus HCS Header, Dual Row, Vertical, 6 Circuits, with Snap-in Plastic Peg
PCB Lock, PA Polyamide Nylon 6/6, UL 94V-2, Glow Wire Compliant, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45750-001 (PDF)

Test Summary TS-5566-002 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

172675

Application

Power, Wire-to-Board

Overview

Mini-Fit® Plus Connector System

Product Name

Mini-Fit® Plus HCS

UPC

887191905297

Physical

Breakaway

No

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Black

Durability (mating cycles max)

100

First Mate / Last Break

No

Flammability

94V-2

Glow-Wire Compliant

Yes

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Copper Alloy

Material - Plating Mating

Tin

Material - Resin

Nylon

Net Weight

1.616/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

1.80mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.78mm

Packaging Type

Tray

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Fully

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

Halogen-Free

Status

Not 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

ELV

Green Image

Not Relevant

Search Parts in this Series

172675 Series

Mates With

46992 Mini-Fit® Jr. Receptacle

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-172675-0000
Test Summary	TS-5566-002

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