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Part Number:

36633-0036

Status:

Active

Overview:

Mini-Fit Jr.™

Description:

4.20mm Mini-Fit Jr.™ Header, Vertical, Nylon, without Flange, 8 Circuits, Tin (Sn) over Nickel (Ni) Plating, Lead-Free

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

PCB Headers

87427

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.

Overview

Product Name

Mini-Fit Jr.™

Mini-Fit Jr.™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

No

8

8

Beige

30

No

No

Yes

Brass

Tin

Tin

Nylon

2

Vertical

3.30mm

No

None

1.60mm

Bag

4.20mm

4.20mm

2.540µm

2.540µm

Yes

No

Fully

No

-40°C to +105°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

13A

600V



image - Reference onlySeries

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

87427Series

Mates With

5557 Mini-Fit Jr.™ Receptacle Housing

Material Info

Net Weight	2.861/g
UPC	884982146075

Reference - Drawing Numbers

Sales Drawing	SD-87427-**4*
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