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Part Number: 87427-0443

Status: Active
Overview: Mini-Fit Jr.™

Description: 4.20mm Mini-Fit Jr.™ Header, Vertical, without Flange, 4 Circuits, Tin (Sn) over Copper

(Cu) Plating

Documents:

3D ModelProduct Specification PS-87427-0001 (PDF)Drawing (PDF)RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>87427</u>

Application Power, Wire-to-Board

Comments Current = 13A max. per circuit when header is mated

Fully

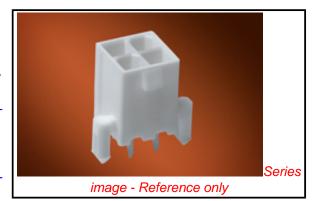
to a receptacle loaded with <u>45750 Mini-Fit® Plus HCS</u> Crimp Terminal Crimped to 16 AWG wire., See Molex product specification PS-45750-001 for additional

current de-rating information.

OverviewMini-Fit Jr. $^{\text{TM}}$ Product NameMini-Fit Jr. $^{\text{TM}}$ UPC800754773157

Physical

Breakaway No Circuits (Loaded) 4 Circuits (maximum) 4 Color - Resin Beige Durability (mating cycles max) 30 First Mate / Last Break No Flammability 94V-0 **Glow-Wire Compliant** No Lock to Mating Part Yes Material - Metal **Brass** Material - Plating Mating Tin Material - Plating Termination Tin Material - Resin Nylon Net Weight 1.616/g Number of Rows Orientation Vertical PC Tail Length 3.30mm **PCB** Locator No **PCB** Retention None PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 4.20mm Pitch - Termination Interface 4.20mm Plating min - Mating 5.080µm Plating min - Termination 5.080µm Polarized to Mating Part Yes Polarized to PCB No



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

<u>87427</u>Series

Mates With

5557 Mini-Fit Jr.™ Receptacle Housing

Shrouded

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 13A Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 30

Lead-free Process Capability SMC & Wave Capable (TH only)

Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 240

Material Info

Reference - Drawing Numbers

Product Specification PS-87427-0001 Sales Drawing SD-87427-**4*

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