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Part Number: 0874271642

Status: Active Overview: minifit jr

4.20mm (.165") Mini-Fit Jr.™ Header, Vertical, Nylon, without Flange, 16Circuits, Tin **Description:**

(Sn) over Nickel (Ni) Plating, Glow Wire Compatible

Documents:

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

Agency Certification

LR19980 CSA UI F29179

General

PCB Headers Product Family Series 87427 Wire-to-Board Application

Current = 13A max, per circuit when header is mated Comments to a receptacle loaded with $\underline{45750}$ Mini-Fit Plus HCSTM

2.54

2.54

101.6

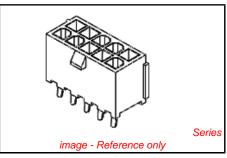
Crimp Terminal Crimpted to to 16 AWG wire. . See Molex product specification PS-45750-001 for additional

current de-rating information.

Overview minifit_jr Mini-Fit Jr.™ **Product Name**

Physical

Breakaway No Circuits (Loaded) 16 Color - Resin Beige Durability (mating cycles max) 30 First Mate / Last Break No Flammability 94V-0 Glow-Wire Compliant Yes Lock to Mating Part Yes Material - Metal Brass Material - Plating Mating Tin Material - Plating Termination Tin Material - Resin Nylon Number of Rows Orientation Vertical PC Tail Length (in) 0.130 In PC Tail Length (mm) 3.30 mm **PCB** Locator No **PCB** Retention None PCB Thickness Recommended (in) 0.062 In PCB Thickness Recommended (mm) 1.60 mm Packaging Type Tray Pitch - Mating Interface (in) 0.165 In Pitch - Mating Interface (mm) 4.20 mm Pitch - Term. Interface (in) 0.165 In Pitch - Term. Interface (mm) 4.20 mm Plating min: Mating (µin) 101.6



EU RoHS ELV and RoHS Compliant **REACH SVHC** Contains SVHC: No Halogen-Free Status Not Reviewed

Need more information on product environmental compliance?

China RoHS

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

87427 Series

Mates With

5557 Mini-Fit Jr.™ Receptacle Housing

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part Yes Polarized to PCB No Fully 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)

SMC & Wave Capable (TH only)

Lead-free Process Capability
Max. Cycles at Max. Process Temperature 2 Process Temperature max. C 240

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification PK-87427-004 PS-87427-0001 Sales Drawing SD-87427-**4*

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