

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:0874272242

Status:Active

Overview:Mini-Fit Family Power Connectors

Description:Mini-Fit Jr. Header, 4.20mm Pitch, Vertical, Nylon, without Flange, 22Circuits, Tin (Sn) over Nickel (Ni) Plating, Bulk Packaging

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-45750-001-001 (PDF)
- Product Specification PS-87427-0001-001 (PDF)
- Packaging Specification PK-87427-004-001 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

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.

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Header

Mini-Fit Family Power Connectors

Mini-Fit Jr.

PCB Headers and Receptacles

800753933064

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

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

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

No

22

22

Beige

30

No

94V-0

No

Yes

Brass

Tin

Tin

Nylon

7.569/g

2

Vertical

3.30mm

No

None

1.60mm

Bag

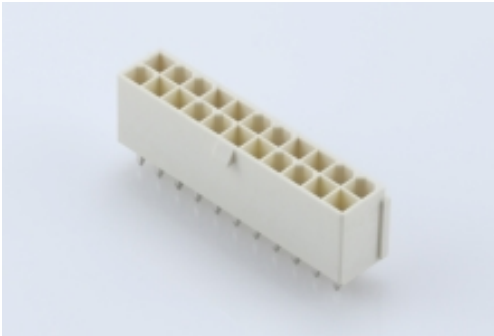
4.20mm

4.20mm

2.540µm

2.540µm

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Relevant

Search Parts in this Series

87427 Series

Mates With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit Jr. Cable Assembly [245135](#)

Mini-Fit TPA2 Receptacle Housing
[172708](#)

Polarized to PCB	No
Shrouded	Fully
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
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	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87427-004-001
Product Specification	PS-45750-001-001, PS-87427-0001-001
Sales Drawing	SD-87427-XX4X-001

This document was generated on 01/06/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION