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Part Number:

35318-2020

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

4.20mm Pitch Mini-Fit® Header, Dual Row, Right Angle, 20 Circuits, PA Polyamide (Nylon) 6/6 94V-2, White

Documents:

3D Model

Drawing (PDF)

Product Specification PS-35317-001 (PDF)

Packaging Specification PK-35318-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

35318

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

UPC

Mini-Fit Jr.™ Power Connectors

Mini-Fit®

800753931107

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

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

Plating min - Mating

Plating min - Termination

Polarized to PCB

Shrouded

No

20

20

Natural

30

No

94V-2

No

No

None

Yes

Tin

Tin

Nylon

6.721/g

2

Right Angle

4.00mm

No

None

1.60mm

Bag

4.20mm

5.080µm

5.080µm

No

Partial

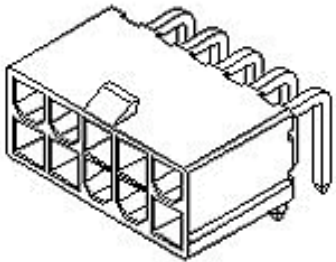


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

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

35318Series

Mates With

5557 Mini-Fit Jr.™ Receptacle Housing

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	250V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-35318-001
Product Specification	PS-35317-001
Sales Drawing	SD-35318-****

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