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Part Number: 0442060007

Status: Active

Overview: Mini-Fit Jr.™ Power Connectors

Description: Mini-Fit Jr.™ Header, Dual Row, Vertical, with 11.90mm Locking Ramp, 24 Circuits, with Peg 2 Snap-in Plastic Peg

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-44206-001 \(PDF\)](#)

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers

Series 44206

Application Power, Wire-to-Board

Comments 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 [Mini-Fit Jr.™ Power Connectors](#)

Product Name Mini-Fit Jr.™

UPC 822348185627

Physical

Breakaway No

Circuits (Loaded) 24

Circuits (maximum) 24

Color - Resin Natural

Durability (mating cycles max) 30

First Mate / Last Break No

Flammability 94V-2

Glow-Wire Compliant No

Guide to Mating Part Yes

Keying to Mating Part Yes

Lock to Mating Part Yes

Material - Metal Brass

Material - Plating Mating Tin

Material - Plating Termination Tin

Material - Resin Nylon

Net Weight 4.888/g

Number of Rows 2

Orientation Vertical

PC Tail Length 3.30mm

PCB Locator Yes

PCB Retention Yes

PCB Thickness - Recommended 1.80mm

Packaging Type Tray

Pitch - Mating Interface 4.20mm

Plating min - Mating 0.889µm

Plating min - Termination 0.889µm

Polarized to PCB Yes

Shrouded Fully

Stackable No

Surface Mount Compatible (SMC) No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

44206 Series

Mates With

5557 Mini-Fit Jr.™ Receptacle Housing

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	13.0A
Voltage - Maximum	600V
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-44206-001
Sales Drawing	SDA-44206-001

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