

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0442060001](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: Mini-Fit Jr. Header, Dual Row, Vertical, with 11.90mm Locking Ramp, 24 Circuits, with Both Snap-in Plastic Pegs

Documents:

Drawing (PDF)	Packaging Specification PK-44206-001-001 (PDF)
3D Model	Test Summary TS-5566-002-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

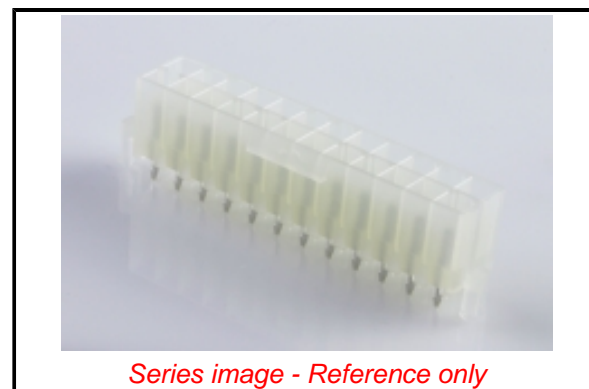
UL E29179

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 Family Power Connectors
Product Name	Mini-Fit Jr.
Taxonomy	PCB Headers and Receptacles
UPC	800753183759

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 Capable	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	5.001/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



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

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[44206 Series](#)

Mates With

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

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44206-001-001
Sales Drawing	SDA-44206-001-001
Test Summary	TS-5566-002-001

This document was generated on 10/07/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION