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Part Number: [0434600012](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr. Header, 4.20mm Pitch, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 2 Circuits, PA Polyamide Nylon 6/6, UL 94V-2, Matte Tin (Sn) Plating, Natural

Documents:

3D Model	Test Summary TS-5556-002-001 (PDF)
Drawing (PDF)	Test Summary TS-5566-002-001 (PDF)
Product Specification PS-5556-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-5566-001 (PDF)	

Agency Certification

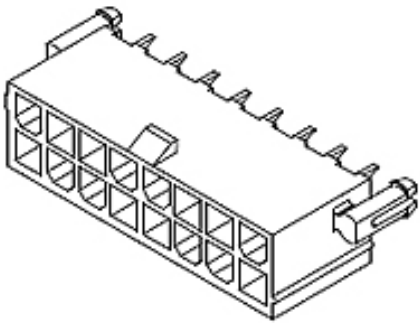
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	43460
3D Viewer	Yes
Application	Board-to-Board, Power, Wire-to-Board
CURRENT-MAX-NUMERIC	9.0
Overview	Mini-Fit Jr. Power Connectors
PITCH-MATING-NUMERIC	4.20
Product Name	Mini-Fit Jr.
UPC	884982340497

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	Yes
Flammability	94V-2
Glow-Wire Capable	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	0.644/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.56mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[43460](#) Series

Mates With

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

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	9.0A
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	240
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-5566-001
Product Specification	PS-5556-001-001
Sales Drawing	434600000-SD-000
Test Summary	TS-5556-002-001, TS-5566-002-001

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