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Part Number: [1726470102](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr. Header, Single Row, Vertical, 2 Circuits, PA Polyamide Nylon 6/6, 94V-2, Matte Tin (Sn) Plating, Glow-Wire Capable, Black

Documents:

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

General

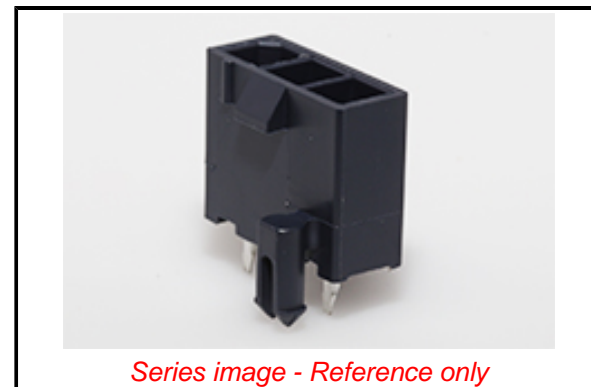
Product Family	PCB Headers
Series	172647
Application	Power, Wire-to-Board
Overview	Mini-Fit Jr. Power Connectors
Product Name	Mini-Fit Jr.
UPC	889056723091

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	0.686/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +80°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not 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

[172647 Series](#)

Mates With

Mini-Fit Jr. Receptacle Housing [46994](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	220

Material Info**Reference - Drawing Numbers**

Product Specification	PS-5556-001-001
Sales Drawing	SD-172647-0000
Test Summary	TS-5556-002-001

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