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Part Number: [1726470103](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr. Header, Single Row, Vertical, 3 Circuits, PA Polyamide Nylon 6/6, 94V-2, Matte Tin (Sn) Plating, Glow-Wire Capable, Black

Documents:
[3D Model](#) [Packaging Specification PK-5566-002-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-5556-002-001 \(PDF\)](#)
[Product Specification PS-5556-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	172647
3D Viewer	Yes
Application	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	887191728964

Physical	
Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
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	0.876/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



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/71/2019 (16 July 2019) Halogen-Free Status Not Low-Halogen For more information, please visit Contact US	China RoHS
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[172647 Series](#)

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

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
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	220
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-5566-002-000
Product Specification	PS-5556-001-001
Sales Drawing	SD-172647-0000
Test Summary	TS-5556-002-001

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