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Part Number:

1724470206

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 6 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow-Wire Capable

Documents:

3D Model (PDF)

Packaging Specification PK-5566-001-001 (PDF)

Drawing (PDF)

Test Summary TS-5556-002-001 (PDF)

3D Model

Test Summary TS-5566-002-001 (PDF)

Product Specification PS-5556-001-001 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	172447
Application	Power, Wire-to-Board
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	887191730172

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	1.450/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Not 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

172447 Series

Mates With

Mini-Fit Jr. Receptacle 46992 . Mini-Fit
TPA2 Receptacle 172708

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	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-5566-001-001
Product Specification	PS-5556-001-001
Sales Drawing	SD-172447-0000-001
Test Summary	TS-5556-002-001, TS-5566-002-001

This document was generated on 08/19/2021

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