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Part Number:

1724480002

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Header, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 2 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow-Wire Capable

Documents:

Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification PS-45750-001-001 (PDF)

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

Packaging Specification PK-5569-003-001 (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		172448
Application		Power, Wire-to-Board
Overview		Mini-Fit Family Power Connectors
Product Name		Mini-Fit Jr.
UPC		887191729138

Physical		
Breakaway		No
Circuits (Loaded)		2
Circuits (maximum)		2
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		Tin
Material - Resin		Nylon
Net Weight		0.963/g
Number of Rows		2
Orientation		Right Angle
PC Tail Length		3.60mm
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		0.762µm
Plating min - Termination		0.762µm
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



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

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

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series
172448 Series

Mates With
46992 Mini-Fit Jr. Receptacle, 172708 Mini-Fit TPA2 Receptacle Housing

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	13.0A
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	220
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-5569-003-001
Product Specification	PS-45750-001-001, PS-5556-001-001
Sales Drawing	SD-172448-0000-001
Test Summary	TS-5556-002-001

This document was generated on 08/19/2021

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