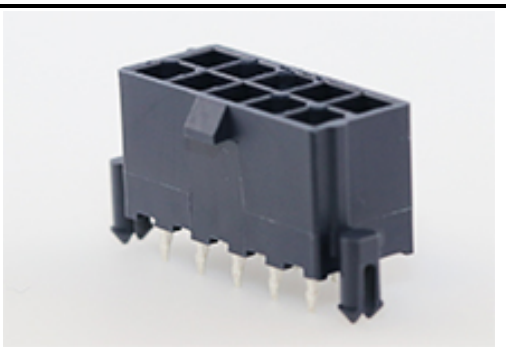
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Part Number: 1724470010
Status: Active
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 10 Circuits, Nylon 6/6, UL 94V-2, Tin (Sn) Plating, Glow-Wire Capable, Black



Series image - Reference only

Documents:

Drawing (PDF)
3D Model
3D Model (PDF)
Product Specification PS-5556-001-001 (PDF)
Packaging Specification PK-5566-001-001 (PDF)
Test Summary TS-5556-002-001 (PDF)
Test Summary TS-5566-002-001 (PDF)
Symbol Footprint Data SYM-172447-XX10 (PDF)
RoHS Certificate of Compliance (PDF)

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	887191730134

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	2.332/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
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
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

EU ELV
Not Relevant

EU RoHS **China 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	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	220

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-5566-001-001
Product Specification	PS-5556-001-001
Sales Drawing	SD-172447-0000-001
Symbol/Footprint Data	SYM-172447-XX10
Test Summary	TS-5556-002-001, TS-5566-002-001

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