

Part Number : 1724470008

Product Description : Mini-Fit Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 8 Circuits, Nylon 6/6, UL 94V-2, Tin (Sn) Plating, Glow-Wire Capable, Black

Series Number : 172447

Status : Active

Product Category : PCB Headers and Receptacles

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## Documents & Resources

### Drawings

Drawing 1724470008\_sd.pdf

Packaging Design Drawing PK-5566-001-001.pdf

### 3D Models and Design Files

3D Model 1724470008\_stp.zip

Symbol Footprint Data SYM-172447-XX08-001.zip

### Specifications

Product Specification PS-5556-001-001.pdf

Test Summary TS-5556-002-001.pdf

Test Summary TS-5566-002-001.pdf

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	172447
Description	Mini-Fit Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 8 Circuits, Nylon 6/6, UL 94V-2, Tin (Sn) Plating, Glow-Wire Capable, Black
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	887191730110

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	1.927/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
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

## Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	220

## Mates With / Use With

### Mates with Part(s)

Description	Part Number

Mini-Fit Jr. Dual Row Receptacle Housings	<u>46992</u>
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	<u>172708</u>

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