Part Number : 1724471008

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

Series Number : 172447

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing 1724471008_sd.pdf
Packaging Design Drawing PK-5566-001-001.pdf

3D Models and Design Files

3D Model 1724471008_stp.zip
Symbol Footprint Data SYM-172447-XX08-001.zip

Specifications

Application Specification 1722990000-AS-000.pdf
Product Specification PS-5556-001-001.pdf
Test Summary TS-5556-002-001.pdf
Test Summary TS-5566-002-001.pdf

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

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, Gold (Au) 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	887191730240

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	Gold
Material - Resin	Nylon
Net Weight	1.929/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	46992
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	172708