Part Number : 469912008
Product Description : Mini-Fit Jr. Reflow Solder Capable Header, Right-Angle, Dual Row, 8 Circuits, without Mounting Peg, Gold (Au) Over Nickel (Ni) Plating, Glow-Wire Capable
Series Number : 46991
Status : Active
Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

469912008_sd.pdf

PK-5569-003-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

55560002-AS-000.pdf

PS-45750-001-001.pdf

55560004-PS-CH-000.pdf

55560004-PS-ES-000.pdf

55560004-PS-SK-000.pdf

PS-5556-004-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant

Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	46991
Description	Mini-Fit Jr. Reflow Solder Capable Header, Right-Angle, Dual Row, 8 Circuits, without Mounting Peg, Gold (Au) Over Nickel (Ni) Plating, Glow-Wire Capable
Application	Board-to-Board, Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Jr.
UPC	887191369976

Agency

CSA	LR19980

UL	E29179

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	75
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.458/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
PC Tail Length	3.30mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Termination	0.760µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully

Stackable	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	172708
Mini-Fit Jr. Receptacle Housings	5557