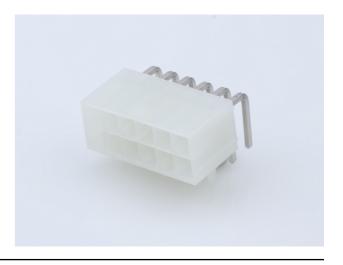


Part Number : 39301120

Product Description : Mini-Fit Jr. Header, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 12 Circuits, Nylon 6/6 94V-2, 2.54µm Matte Tin (Sn) Plating, Natural, Bag

Series Number : 5569

Status : Active Product Category : PCB Headers and Receptacles Engineering Number : 5569-12A2



Documents & Resources

Drawings

Drawing 039301120_sd.pdf Packaging Design Drawing SPK-5569-NA2-001.pdf

3D Models and Design Files

<u>3D Model 039301120_stp.zip</u> Symbol Footprint Data SYM-39-30-1120-001.zip

Specifications

Application Specification AS-5557-001-001.pdf Packaging Specification PK-5569-002-001.pdf Product Specification PS-45750-001-001.pdf Product Specification PS-5556-001-001.pdf Test Summary TS-5556-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	0
	v
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	5569
Description	Mini-Fit Jr. Header, Dual Row, Right- Angle, with Snap-in Plastic Peg PCB Lock, 12 Circuits, Nylon 6/6 94V-2, 2.54µm Matte Tin (Sn) Plating, Natural, Bag
Application	Power, Wire-to-Board
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini- Fit Plus HCS Crimp Terminal Crimped to 16 AWG wire. See Molex Product specification PS- 5556-001 for additional current de- rating information.
Component Type	PCB Header
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	800753748163

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	4.359/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Bag
PC Tail Length	3.60mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
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	240

Mates With / Use With

Mates with Part(s)

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

This document was generated on Feb 26, 2024