

Part Number: 39291208

Product Description : Mini-Fit Jr. Header, Dual Row, Right-Angle, with PCB Mounting Flange, 20 Circuits, PA

Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating

Series Number: 5569

Status: Active

Product Category: PCB Headers and Receptacles

Engineering Number: 5569-20A1



Documents & Resources

Drawings

039291208 sd.pdf

3D Models and Design Files

039291208 stp.zip

Specifications

AS-5557-001-001.pdf

PK-5569-002-001.pdf

PS-45750-001-001.pdf

PS-5556-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 47; 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)

<u>Substances of Interest</u>

PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	5569
Description	Mini-Fit Jr. Header, Dual Row, Right- Angle, with PCB Mounting Flange, 20 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating
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 Name	Mini-Fit Jr.
UPC	800753758148

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

Physical

Gircuits (Loaded) Circuits (maximum) 20 Color - Resin Natural Durability (mating cycles max) First Mate / Last Break No Flammability Glow-Wire Capable Guide to Mating Part Lock to Mating Part None Lock to Mating Part Material - Metal Material - Plating Termination Net Weight Packaging Type PCB Retention PCB Thickness - Recommended Plating min - Mating Part Polarized to PCB Shrouded Fully Stackable Polarized to PCB Shrouded Pull Matural Pass Natural Pass None Not Watural None Not Weight Not Not Weight Packaging Type PCB Thickness - Recommended Plating min - Termination Polarized to PCB PCB Shrouded Fully Stackable Polarized Type PCB Fully PCB Shrouded Fully Polarized to PCB PCB Shrouded Pitcl - Fasin Polarized to PCB PCB Fully		·
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Polarized to Mating Part Polarized to PCB Shrouded Yes Fully	Plating min - Mating	2.540µm
Polarized to PCB Yes Shrouded Fully	Plating min - Termination	2.540µm
Shrouded Fully	Polarized to Mating Part	Yes
	Polarized to PCB	Yes
Stackable No	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	260

Mates With / Use With

Mates with Part(s)

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

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