

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039301082

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Jr. Header, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 8 Circuits, PA Polyamide Nylon 6/6 94V-0, 0.76µm Select Gold (Au) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45750-001-001 (PDF)

Product Specification PS-5556-001-001 (PDF)

Application Specification AS-5557-001-001 (PDF)

Packaging Specification PK-5569-002-001 (PDF)

Test Summary TS-5556-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	5569
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	13.0
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.
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.
Overview	Mini-Fit Jr. Power Connectors
PITCH-MATING-NUMERIC	4.20
Product Name	Mini-Fit Jr.
UPC	800754379267
Physical	
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
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	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	2.877/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

5569 Series

Mates With

5557 Mini-Fit Jr. Receptacle Housing, Mini-Fit TPA2 Receptacle Housing 172708

PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	0.762μm
Plating min - Termination	2.540μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

Material Info

Engineering Number	5569-08A2G-210
--------------------	----------------

Reference - Drawing Numbers

Application Specification	AS-5557-001-001
Packaging Specification	PK-5569-002-001
Product Specification	PS-45750-001-001, PS-5556-001-001
Sales Drawing	55690002-SD-000
Symbol/Footprint Data	SYM-39-30-1080
Test Summary	TS-5556-002-001

This document was generated on 10/10/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[39-30-1082](#)