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Part Number:

0039301120

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit Jr.™ Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 12 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

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

Product Specification PS-5556-001 (PDF)

Product Specification TS-5556-002-001 (PDF)

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

Packaging Specification SPK-5569-NA2 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		5569
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.
Overview		Mini-Fit Jr.™ Power Connectors
Product Name		Mini-Fit Jr.™
UPC		800753748163
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 Compliant		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
PCB Locator		Yes
PCB Retention		Yes
PCB Thickness - Recommended		1.78mm
Packaging Type		Bag
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/21/2016 (20 June

2016)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the Contact Us section for any

non-product compliance questions.

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

Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C 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	5569-12A2
Reference - Drawing Numbers	
Packaging Specification	PK-5569-002-001, SPK-5569-NA2
Product Specification	PS-45750-001-001, PS-5556-001, RPS-5556-004-001, TS-5556-002-001
Sales Drawing	SDA-5569-NA2*-*

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