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Part Number: [0039301140](#)

Status: **Active**

Overview: [Mini-Fit Family Power Connectors](#)

Description: Mini-Fit Jr. Header, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 14 Circuits, Nylon 6/6 94V-2, 2.54µm Matte Tin (Sn) Plating, Natural, Bag

Documents:

[3D Model \(PDF\)](#)

[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 \(PDF\)](#)

[Packaging Specification SPK-5569-NA2-001 \(PDF\)](#)

[Test Summary TS-5556-002-001 \(PDF\)](#)

[Symbol Footprint Data SYM-39-30-1140-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

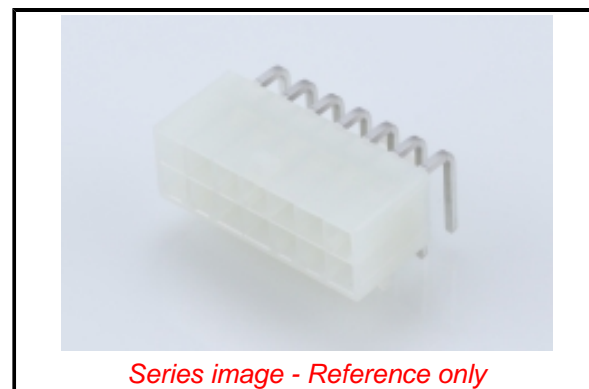
CSA	LR19980
UL	E29179

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 Family Power Connectors
Product Name	Mini-Fit Jr.
Taxonomy	PCB Headers and Receptacles
UPC	800754379564

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
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	5.104/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.60mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Bag
Pitch - Mating Interface	4.20mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[5569](#) Series

Mates With

Mini-Fit Jr. Receptacle Housing [5557](#) , Mini-Fit TPA2 Receptacle Housing [172708](#)

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
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 AC (RMS)/DC

Solder Process Data

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

Material Info

Engineering Number	5569-14A2
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Reference - Drawing Numbers

Application Specification	AS-5557-001-001
Packaging Specification	PK-5569-002-001, SPK-5569-NA2-001
Product Specification	PS-45750-001-001, PS-5556-001-001
Sales Drawing	55690002-SD-000
Symbol/Footprint Data	SYM-39-30-1140-001
Test Summary	TS-5556-002-001

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