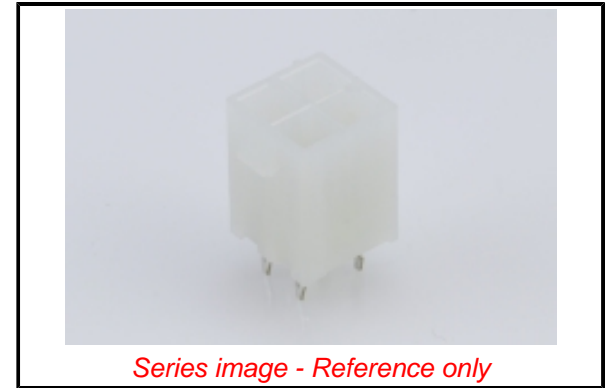


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0469990127](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 4 Circuits, without Snap-in Plastic Peg PCB Lock, Matte Tin, Natural

Documents:

Drawing (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-5556-001-001 (PDF)	Test Summary TS-5566-002-001 (PDF)
Application Specification AS-5557-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-5566-001-001 (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	5566
Application	Power, Wire-to-Board
Comments	The 5566 header should be used with standard Mini-Fit female terminals. If increased amperage of up to 13A per circuit is needed, please consider using the Mini-Fit Plus HCS family 45750 terminals with 46015 headers; . See Molex Product specification PS-5666-001 for current de-rating information.
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	887191051765

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	1.207/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	2.540µm

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[5566 Series](#)

Mates With

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

Mini-Fit Jr. TPA Cable Assembly [45135](#)

Mini-Fit Jr. Cable Assembly [245135](#) ,
 Mini-Fit TPA2 Receptacle Housing [172708](#)

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	9.0A
Voltage - Maximum	600V

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	260

Material Info

Engineering Number	5566-04AMS
--------------------	------------

Reference - Drawing Numbers

Application Specification	AS-5557-001-001
Packaging Specification	PK-5566-001-001
Product Specification	PS-5556-001-001
Sales Drawing	SD-5566-002-000
Test Summary	TS-5556-002-001, TS-5566-002-001

This document was generated on 12/21/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[0009485154](#) [0009624107](#) [0009652039](#) [0010894262](#) [00136](#) [0014563224](#) [0015477550](#) [0015917081](#) [00201300061](#) [0022102161](#) [0022173172](#)
[0022173242](#) [0022283030](#) [0026482241](#) [0026604103](#) [0039026044](#) [0039036124](#) [0050291907](#) [0050304461](#) [0050361796](#) [0050650112](#) [005093X](#)
[005758D](#) [005759B](#) [008263021200000+](#) [008263021200001+](#) [008263031200000+](#) [008263041200000+](#) [008263061200000+](#)
[008283021100000+](#) [008283021200000+](#) [008283041200000+](#) [008283061100000+](#) [008283061200000+](#) [008283081200000+](#)
[008283161310000+](#) [008283161400000+](#) [008370127000800](#) [008370151000800+](#) [008370167001800+](#) [008370217000800+](#) [008380026002010](#)
[008380050002010](#) [008383010000010](#) [008426-000](#) [009021041100339](#) [009021061200339](#) [009021101200339](#) [009021121200339](#)
[009021142200339](#)