

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039299126](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 12 Circuits, with Snap-in Plastic Peg PCB Lock, Tin, Natural

Documents:

3D Model	Product Specification TS-5566-002-001 (PDF)
Drawing (PDF)	Application Specification AS-5557-001-001 (PDF)
Product Specification PS-5556-001-001 (PDF)	Packaging Specification PK-5566-001-001 (PDF)
Product Specification TS-5556-002-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

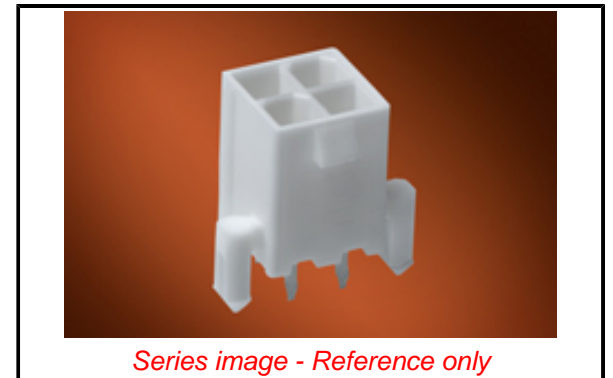
CSA	LR19980
UL	E29179

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 Jr. Power Connectors
Product Name	Mini-Fit Jr.
UPC	800754320726

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.548/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	0.889µm



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

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

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

Plating min - Termination	0.889µm
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	240

Material Info

Engineering Number	5566-12B2-210
--------------------	---------------

Reference - Drawing Numbers

Application Specification	AS-5557-001-001
Packaging Specification	PK-5566-001-001
Product Specification	PS-5556-001-001, TS-5556-002-001, TS-5566-002-001
Sales Drawing	SDA-5566-N*2*-*

This document was generated on 10/19/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Authorized Distributor

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

[5-87631-1](#) [0009523102](#) [008383010000010](#) [609-1030](#) [6-146309-3](#) [6437006-5](#) [644457-9](#) [M80-4802005](#) [M80-5121842](#) [M80-6812001](#)