

Part Number: 39296048

**Product Description :** Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 4 Circuits, without Snap-in

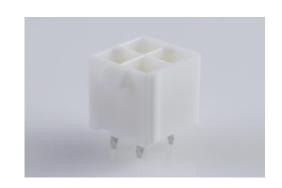
Plastic Peg PCB Lock, Gold, Natural

**Series Number:** 5566

**Status:** Active

**Product Category :** PCB Headers and Receptacles

**Engineering Number:** 5566-04AGS-210



#### **Documents & Resources**

#### **Drawings**

039296048 sd.pdf

PK-5566-000.pdf

**3D Models and Design Files** 

039296048 stp.zip

**Specifications** 

AS-5557-001-001.pdf

PK-5566-003-001.pdf

PS-5556-001-001.pdf

# **Product Environment Compliance**

#### **Compliance**

GADSL/IMDS	Not Relevant
China RoHS	⊚ per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

#### **Compliance Statements**

• EU RoHS

- REACH SVHC
- Low-Halogen

## **Industry Documents**

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### **Substances of Interest**

PFAS

## **EU RoHS Certificate of Compliance**

## Additional Product Compliance Information

### **Part Details**

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	5566
Description	Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 4 Circuits, without Snap-in Plastic Peg PCB Lock, Gold, Natural
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.
Component Type	PCB Header
Product Name	Mini-Fit Jr.
UPC	800754374040

### **Agency**

CSA	LR19980
UL	E29179

# Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

# Physical

No
4
4
Natural
30
No
94V-0
No
No
None
Yes
Brass
Gold
Matte Tin
Nylon
1254.200/mg
2
Vertical
Bag
Yes
None
1.60mm
3.50mm
4.20mm
4.20mm
0.762µm
2.540µm
Yes
Yes
Fully

Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

### **Solder Process Data**

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

## Mates With / Use With

## Mates with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	<u>5557</u>
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	<u>172708</u>

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