

Part Number: 39299222

Product Description: Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 22 Circuits, with Snap-in Plastic Peg PCB Lock, Tin, Natural

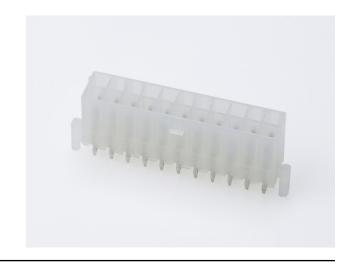
Series Number: 5566

**Status:** Active

**Product Category: PCB Headers and** 

Receptacles

**Engineering Number:** 5566-22B2



#### **Documents & Resources**

## **Drawings**

039299222\_sd.pdf PK-44206-001-001.pdf PK-5566-001-001.pdf

### 3D Models and Design Files

039299222\_stp.zip

#### **Specifications**

AS-5557-001-001.pdf AS-5566-001-001.pdf PS-5556-001-001.pdf TS-5566-002-001.pdf TS-5566-002-001.pdf

# **Product Environment Compliance**

## Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	•
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

# Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

# Multiple Part Industry Compliance Documents

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

# EU RoHS Certificate of Compliance

## **Part Details**

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	5566
Description	Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 22 Circuits, with Snap-in Plastic Peg PCB Lock, Tin, 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	800754251419

# Agency

CSA	LR19980
UL	E29179

#### **Electrical**

Voltage - Maximum	600V
voicage maximum	2001

# Physical

Breakaway	No
Circuits (Loaded)	22
Circuits (maximum)	22
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	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	4.386/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C

Termination Interface Style	Through Hole
remination meeting begin	1111 2 2 2 1 1 1 2 1 2

## **Solder Process Data**

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	240

# Mates With / Use With

# Mates with Part(s)

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

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