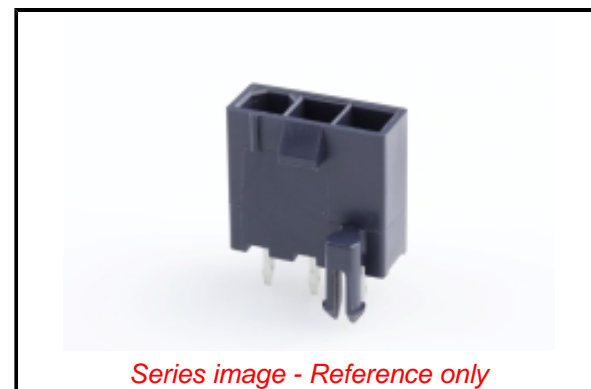


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1726470103](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Jr. Header, Single Row, Vertical, 3 Circuits, PA Polyamide Nylon 6/6, 94V-2, Matte Tin (Sn) Plating, Glow-Wire Capable, Black

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-5566-002-000 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-5556-001-001 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">172647</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	887191728964

**Physical**

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	Yes
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	0.876/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
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
Temperature Range - Operating	-40° to +80°C

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Not 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**

[172647](#) Series

**Mates With**

Mini-Fit Jr. Receptacle Housing [46994](#)

Termination Interface: Style	Through Hole
<b>Electrical</b>	
Current - Maximum per Contact	9.0A
Voltage - Maximum	600V AC (RMS)/DC
<b>Solder Process Data</b>	
Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	220
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-5566-002-000
Product Specification	PS-5556-001-001
Sales Drawing	SD-172647-0000-001
Test Summary	TS-5556-002-001

This document was generated on 10/06/2021

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