

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039302030

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Single Row, 3 Circuits, with Snap-in Plastic Peg PCB Lock, Tin, Natural

Documents:

3D Model (PDF)

3D Model

Drawing (PDF)

Product Specification PS-5556-001-001 (PDF)

Application Specification AS-5557-001-001 (PDF)

Packaging Specification PK-5566-002-000 (PDF)

Test Summary TS-5556-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

PCB Headers

5566

Power, Wire-to-Board

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 46014 headers; . See Molex Product specification for current de-rating information.

Overview

Product Name

Taxonomy

UPC

Mini-Fit Family Power Connectors

Mini-Fit Jr.

PCB Headers and Receptacles

800754379908

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

No

3

3

Natural

30

No

94V-0

No

No

None

Yes

Brass

Tin

Tin

Nylon

0.809/g

1

Vertical

3.50mm

Yes

Yes

1.60mm

Tray

4.20mm

4.20mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

5566 Series

Mates With

Mini-Fit Jr. Receptacle Housing 5557

Mini-Fit TPA2 Receptacle Housing 172708

Mini-Fit TPA2 Cable Assembly 145135

Plating min - Mating	0.889μm
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-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240
Material Info	
Engineering Number	5566-03A3-210
Reference - Drawing Numbers	
Application Specification	AS-5557-001-001
Packaging Specification	PK-5566-002-000
Product Specification	PS-5556-001-001
Sales Drawing	55660330-SD-000
Test Summary	TS-5556-002-001

This document was generated on 08/31/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION