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Part Number:

50-36-2296

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Jr. Header, Dual Row, Right Angle, with PCB Mounting Peg, 12 Circuits, LCP Housing, 94V-0, Matte Tin (Sn), Glow Wire Compliant



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-45750-001 \(PDF\)](#)
- [Product Specification PS-5556-004 \(PDF\)](#)
- [Test Summary TS-5556-002 \(PDF\)](#)
- [Test Summary TS-5569-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

5569

Power, Wire-to-Board

Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit® Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex Product specification PS-5556-001 for additional current de-rating information.

Overview

Product Name

UPC

Mini-Fit Jr.™ Power Connectors

Mini-Fit Jr.™

883906440596

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

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

Polarized to Mating Part

No

12

12

Black

30

No

94V-0

Yes

No

None

Yes

Brass

Tin

Nickel

High Temperature Thermoplastic

5.120/g

2

Right Angle

3.60mm

Yes

Yes

1.78mm

Tray

4.20mm

4.20mm

Yes

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series  
5569Series

Mates With  
5557 Mini-Fit Jr.™ Receptacle Housing

|                                                |                              |
|------------------------------------------------|------------------------------|
| Polarized to PCB                               | Yes                          |
| Shrouded                                       | Fully                        |
| Stackable                                      | No                           |
| Surface Mount Compatible (SMC)                 | No                           |
| Temperature Range - Operating                  | -40°C to +105°C              |
| Termination Interface: Style                   | Through Hole                 |
| <b>Electrical</b>                              |                              |
| Current - Maximum per Contact                  | 13A                          |
| Voltage - Maximum                              | 600V                         |
| <b>Solder Process Data</b>                     |                              |
| Duration at Max. Process Temperature (seconds) | 30                           |
| Lead-free Process Capability                   | SMC & Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                            |
| Process Temperature max. C                     | 255                          |
| <b>Material Info</b>                           |                              |
| Old Part Number                                | 5569-12A7MS-130-T            |
| <b>Reference - Drawing Numbers</b>             |                              |
| Product Specification                          | PS-45750-001, PS-5556-004    |
| Sales Drawing                                  | SD-5569-NA2*-130             |
| Test Summary                                   | TS-5556-002, TS-5569-001     |

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