

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

50-36-2462

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Jr. Header, Dual Row, Right Angle, with PCB Mounting Peg, 6 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 | PCB Headers                                                                                                                                                                                                                                |
| Series         | 5569                                                                                                                                                                                                                                       |
| Application    | Power, Wire-to-Board                                                                                                                                                                                                                       |
| Comments       | 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       | <a href="#">Mini-Fit Jr.™ Power Connectors</a>                                                                                                                                                                                             |
| Product Name   | Mini-Fit Jr.™                                                                                                                                                                                                                              |
| UPC            | 883906870584                                                                                                                                                                                                                               |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 6                              |
| Circuits (maximum)             | 6                              |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 30                             |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Compliant            | Yes                            |
| 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 | Nickel                         |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.720/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 3.60mm                         |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.78mm                         |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 4.20mm                         |
| Pitch - Termination Interface  | 4.20mm                         |
| Polarized to Mating Part       | 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

|                                |                 |
|--------------------------------|-----------------|
| 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    |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 13A  |
| Voltage - Maximum             | 600V |

**Solder Process Data**

|                                                |                              |
|------------------------------------------------|------------------------------|
| 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                          |

**Material Info**

|                 |                   |
|-----------------|-------------------|
| Old Part Number | 5569-06A7MS-130-T |
|-----------------|-------------------|

**Reference - Drawing Numbers**

|                       |                           |
|-----------------------|---------------------------|
| Product Specification | PS-45750-001, PS-5556-004 |
| Sales Drawing         | SD-5569-NA2*-130          |
| Test Summary          | TS-5556-002, TS-5569-001  |

This document was generated on 08/26/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**