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**Part Number:** [0039301080](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™](#)  
**Description:** 4.20mm (.165") Pitch Mini-Fit Jr.™ Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 8 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating

**Documents:**

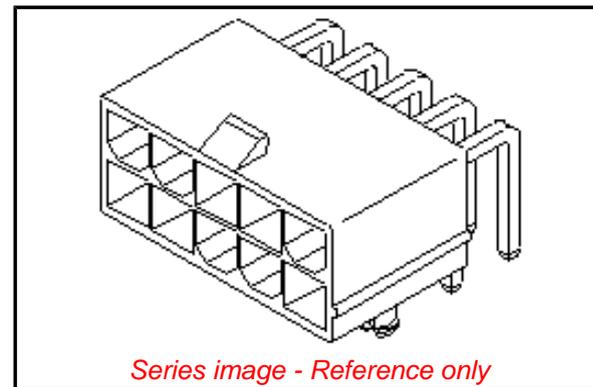
[3D Model](#) [Product Specification PS-5556-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification \(PDF\)](#)

**General**

|                |                                                                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Family | PCB Headers                                                                                                                                           |
| Series         | <a href="#">5569</a>                                                                                                                                  |
| Application    | Wire-to-Board                                                                                                                                         |
| Comments       | Glow Wire Equivalent Part Number <a href="#">50361744</a> . See Molex Product specification PS-5556-001 for additional current de-rating information. |
| Overview       | <a href="#">Mini-Fit Jr.™</a>                                                                                                                         |
| Product Name   | Mini-Fit Jr.™                                                                                                                                         |

**Physical**

|                                |             |
|--------------------------------|-------------|
| Breakaway                      | No          |
| Circuits (Loaded)              | 8           |
| Circuits (maximum)             | 8           |
| Circuits Detail                | 8           |
| Color - Resin                  | Natural     |
| Durability (mating cycles max) | 30          |
| First Mate / Last Break        | No          |
| Flammability                   | 94V-2       |
| Glow-Wire Compliant            | 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       |
| Number of Rows                 | 2           |
| Orientation                    | Right Angle |
| PCB Locator                    | Yes         |
| PCB Retention                  | Yes         |
| PCB Thickness Recommended (in) | 0.070 In    |
| PCB Thickness Recommended (mm) | 1.78 mm     |
| Packaging Type                 | Bag         |
| Pitch - Mating Interface (in)  | 0.165 In    |
| Pitch - Mating Interface (mm)  | 4.20 mm     |
| Pitch - Term. Interface (in)   | 0.165 In    |
| Pitch - Term. Interface (mm)   | 4.20 mm     |
| Plating min: Mating (µin)      | 200         |
| Plating min: Mating (µm)       | 5.00        |
| Plating min: Termination (µin) | 200         |
| Plating min: Termination (µm)  | 5.00        |
| Polarized to Mating Part       | Yes         |
| Polarized to PCB               | Yes         |
| Shrouded                       | Fully       |
| Stackable                      | No          |



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free Status**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[5569 Series](#)

**Mates With**

[5557 Mini-Fit Jr.™ Receptacle Housing](#)

|                                |                 |
|--------------------------------|-----------------|
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | -40°C to +105°C |
| Termination Interface: Style   | Through Hole    |

**Electrical**

|                   |           |
|-------------------|-----------|
| CSA               | LR19980   |
| Current - Maximum | 7A        |
| TUV               | R72081037 |
| UL                | E29179    |
| Voltage - Maximum | 600V      |

**Solder Process Data**

|                                                |                        |
|------------------------------------------------|------------------------|
| Duration at Max. Process Temperature (seconds) | 5                      |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 240                    |

**Material Info**

|                 |           |
|-----------------|-----------|
| Old Part Number | 5569-08A2 |
|-----------------|-----------|

**Reference - Drawing Numbers**

|                       |                 |
|-----------------------|-----------------|
| Product Specification | PS-5556-001     |
| Sales Drawing         | SDA-5569-NA2*-* |

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