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Part Number:

0039300020

Status:

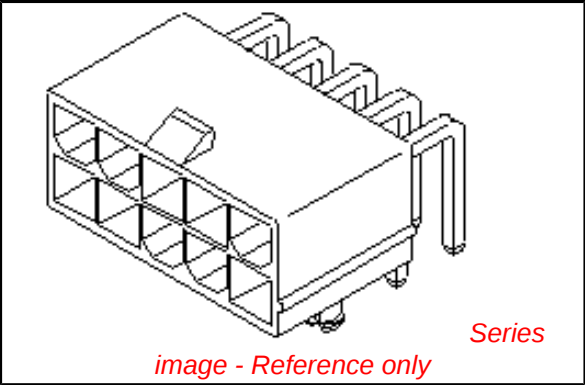
Active

Overview:

Mini-Fit Jr.™

Description:

4.20mm (.165") Pitch Mini-Fit Jr.™ Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 2 Circuits, PA Polyamide Nylon 6/6 94V-0, Tin (Sn) Plating



|                                               |                                                         |
|-----------------------------------------------|---------------------------------------------------------|
| Documents:                                    |                                                         |
| <a href="#">3D Model</a>                      | <a href="#">Product Specification PS-5556-001 (PDF)</a> |
| <a href="#">Packaging Specification (PDF)</a> | <a href="#">Product Specification PS-5557-045 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                 | <a href="#">RoHS Certificate of Compliance (PDF)</a>    |

|                                |                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------|
| General                        |                                                                                           |
| Product Family                 | PCB Headers                                                                               |
| Series                         | 5569                                                                                      |
| Application                    | Wire-to-Board                                                                             |
| Comments                       | 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)              | 2                                                                                         |
| Circuits (maximum)             | 2                                                                                         |
| Circuits Detail                | 2                                                                                         |
| Color - Resin                  | Natural                                                                                   |
| Durability (mating cycles max) | 30                                                                                        |
| First Mate / Last Break        | No                                                                                        |
| Flammability                   | 94V-0                                                                                     |
| 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)       | 5.08                                                                                      |
| Plating min: Termination (µin) | 200                                                                                       |
| Plating min: Termination (µm)  | 5.08                                                                                      |
| 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

Halogen-Free

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

|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Surface Mount Compatible (SMC)                 | No                                                      |
| Temperature Range - Operating                  | -40°C to +105°C                                         |
| Termination Interface: Style                   | Through Hole                                            |
| <b>Electrical</b>                              |                                                         |
| CSA                                            | LR19980                                                 |
| Current - Maximum                              | 9A                                                      |
| TUV                                            | R72081037                                               |
| UL                                             | E29179                                                  |
| Voltage - Maximum                              | 600V                                                    |
| <b>Solder Process Data</b>                     |                                                         |
| 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                                                     |
| <b>Material Info</b>                           |                                                         |
| Old Part Number                                | 5569-02A2-210                                           |
| <b>Reference - Drawing Numbers</b>             |                                                         |
| Product Specification                          | PS-5556-001, PS-5557-045, RPS-5557-008,<br>RPS-5557-055 |
| Sales Drawing                                  | SDA-5569-NA2*-*                                         |

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