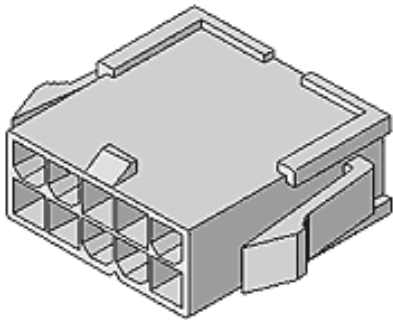


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0039012146  
**Status:** Active  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Jr. Plug Housing, Dual Row, 14 Circuits, UL 94V-0, with Panel Mounting Ears, Natural

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

|                               |                                                                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agency Certification</b>   |                                                                                                                                                                                                                            |
| CSA                           | LR19980                                                                                                                                                                                                                    |
| UL                            | E29179                                                                                                                                                                                                                     |
| <b>General</b>                |                                                                                                                                                                                                                            |
| Product Family                | Crimp Housings                                                                                                                                                                                                             |
| Series                        | 5559                                                                                                                                                                                                                       |
| Application                   | Power, Wire-to-Board, Wire-to-Wire                                                                                                                                                                                         |
| Comments                      | Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information. |
| Overview                      | Mini-Fit Jr. Power Connectors                                                                                                                                                                                              |
| Product Name                  | Mini-Fit Jr.                                                                                                                                                                                                               |
| UPC                           | 800753688582                                                                                                                                                                                                               |
| <b>Physical</b>               |                                                                                                                                                                                                                            |
| Breakaway                     | No                                                                                                                                                                                                                         |
| Circuits (maximum)            | 14                                                                                                                                                                                                                         |
| Color - Resin                 | Natural                                                                                                                                                                                                                    |
| Flammability                  | 94V-0                                                                                                                                                                                                                      |
| Gender                        | Plug                                                                                                                                                                                                                       |
| Glow-Wire Capable             | No                                                                                                                                                                                                                         |
| Material - Resin              | Nylon                                                                                                                                                                                                                      |
| Net Weight                    | 4313.200/mg                                                                                                                                                                                                                |
| Number of Rows                | 2                                                                                                                                                                                                                          |
| Packaging Type                | Bag                                                                                                                                                                                                                        |
| Panel Mount                   | Yes                                                                                                                                                                                                                        |
| Pitch - Mating Interface      | 4.20mm                                                                                                                                                                                                                     |
| Pitch - Termination Interface | 4.20mm                                                                                                                                                                                                                     |
| Polarized to Mating Part      | Yes                                                                                                                                                                                                                        |
| Stackable                     | No                                                                                                                                                                                                                         |
| Temperature Range - Operating | -40° to +105°C                                                                                                                                                                                                             |
| <b>Electrical</b>             |                                                                                                                                                                                                                            |
| Current - Maximum per Contact | 13.0A                                                                                                                                                                                                                      |
| <b>Material Info</b>          |                                                                                                                                                                                                                            |
| Engineering Number            | 5559-14P-210                                                                                                                                                                                                               |



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per - ED/61/2018 (27 June 2018)  
**Halogen-Free Status**  
**Low-Halogen**  
**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.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**  
5559 Series

**Mates With**  
Dual Row Receptacle Housing 5557

**Use With**  
5558 , 30490 Male Terminal, 46012 Mini-Fit Plus Crimp Terminal

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION