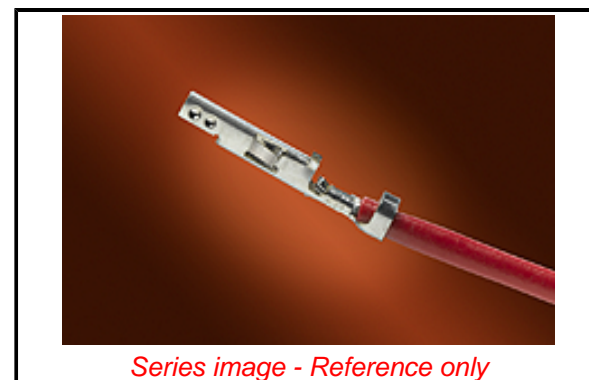


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0039000181](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 18-24 AWG, Reel

**Documents:**

|   |   |
|---|---|
| <a href="#">Drawing (PDF)</a>                               | <a href="#">Product Specification TS-5556-002-001 (PDF)</a>   |
| <a href="#">Product Specification PS-5556-001-001 (PDF)</a> | <a href="#">Packaging Specification PK-5556-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-5556-002-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |



**General**

|                         |   |
|-------------------------|---|
| Product Family          | Crimp Terminals                               |
| Series                  | <a href="#">5556</a>                          |
| Application             | Power, Wire-to-Board, Wire-to-Wire            |
| Crimp Quality Equipment | Yes   |
| Overview                | <a href="#">Mini-Fit Jr. Power Connectors</a> |
| Packaging Alternative   | <a href="#">39-00-0182</a> (Loose)            |
| Product Name            | Mini-Fit                                      |
| UPC                     | 800755527933                                  |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.130/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.762µm              |
| Plating min - Termination      | 0.762µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.30-3.10mm          |
| Wire Size AWG                  | 18, 20, 22, 24       |
| Wire Size mm <sup>2</sup>      | N/A                  |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
| Voltage - Maximum             | 600V |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |            |
|--------------------|------------|
| Engineering Number | 5556-PBGSP |
|--------------------|------------|

**Reference - Drawing Numbers**

|                         |   |
|-------------------------|---|
| Packaging Specification | PK-5556-001-001                                   |
| Product Specification   | PS-5556-001-001, PS-5556-002-001, TS-5556-002-001 |
| Sales Drawing           | SD-5556-006-001                                   |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[5556](#) Series

**Mates With**

[5558](#) Mini-Fit Crimp Male Terminals. Mini-Fit Jr. Header, Dual Row, [5566](#) , [5569](#)

**Use With**

[5557](#) Mini-Fit Jr. Receptacle Housing, [30067](#) Mini-Fit TPA, [42474](#) Mini-Fit BMI Panel Mount, [44516](#) Mini-Fit BMI Slide and Lock Panel Mount