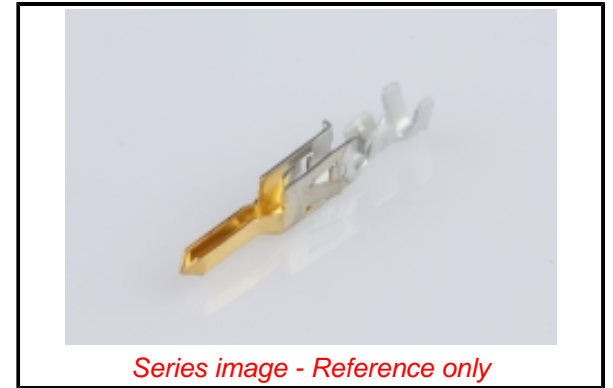


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0039000431](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 18-24 AWG, Bag

**Documents:**

|  |   |
|--|---|
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Product Specification PS-5556-001-001 (PDF)</a>     |
| <a href="#">Product Specification 55560002-PS-CH-000 (PDF)</a> | <a href="#">Product Specification PS-5556-002-001 (PDF)</a>     |
| <a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a> | <a href="#">Application Specification 55560001-AS-000 (PDF)</a> |
| <a href="#">Product Specification 55560002-PS-SK-000 (PDF)</a> | <a href="#">Test Summary 55560010-TS-000 (PDF)</a>              |
| <a href="#">Product Specification PS-51010-007-001 (PDF)</a>   | <a href="#">Test Summary TS-5556-002-001 (PDF)</a>              |
| <a href="#">Product Specification PS-52034-005-001 (PDF)</a>   | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |



**General**

|                         |   |
|-------------------------|---|
| Product Family          | Crimp Terminals                               |
| Series                  | 5558  |
| Application             | Power, Wire-to-Wire                           |
| Crimp Quality Equipment | Yes   |
| Overview                | <a href="#">Mini-Fit Jr. Power Connectors</a> |
| Packaging Alternative   | <a href="#">39000430 (Reel)</a>               |
| Product Name            | Mini-Fit                                      |
| UPC                     | 822348149377                                  |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.126/g              |
| Packaging Type                 | Bag                  |
| 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 |

**Material Info**

|                    |           |
|--------------------|-----------|
| Engineering Number | 5558GSL7F |
|--------------------|-----------|

**Reference - Drawing Numbers**

|                           |  |
|---------------------------|--|
| Application Specification | 55560001-AS-000  |
| Product Specification     | 55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-51010-007-001, PS-52034-005-001, PS-5556-001-001, PS-5556-002-001 |
| Sales Drawing             | SD-5558-002-001  |
| Test Summary              | 55560010-TS-000, TS-5556-002-001   |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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**

[5558 Series](#)

**Use With**

Mini-Fit Jr. Plug Housing [5559](#) <br>Mini-Fit  
BMI Plug Housing [42475](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

|  |                           |
|--|---------------------------|
| Extraction Tool for Mini-Fit Jr. Terminals PremiumGrade Hand     | <a href="#">11030044</a>  |
| Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG | <a href="#">638190901</a> |

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