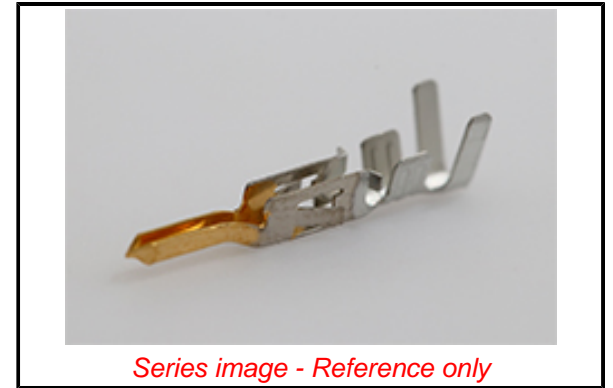


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0039000127**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Male Crimp Terminal, Tin (Sn), Phosphor Bronze, 18-24 AWG, Bag

**Documents:**

|   |   |
|---|---|
| <a href="#">Drawing (PDF)</a>                                   | <a href="#">Packaging Specification PK-5556-003 (PDF)</a> |
| <a href="#">Product Specification PS-5556-001-001 (PDF)</a>     | <a href="#">Test Summary 55560010-TS-000 (PDF)</a>        |
| <a href="#">Product Specification PS-5556-002-001 (PDF)</a>     | <a href="#">Test Summary TS-5556-002-001 (PDF)</a>        |
| <a href="#">Application Specification 55560001-AS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>      |



**General**

|                         |                                      |
|-------------------------|--------------------------------------|
| Product Family          | Crimp Terminals                      |
| Series                  | <u>5558</u>                          |
| Application             | Power, Wire-to-Wire                  |
| Crimp Quality Equipment | Yes                                  |
| Overview                | <u>Mini-Fit Jr. Power Connectors</u> |
| Packaging Alternative   | <u>39000126 (Reel)</u>               |
| Product Name            | Mini-Fit                             |
| UPC                     | 800753827028                         |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.125/g              |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 2.540µm              |
| Plating min - Termination      | 2.540µm              |
| 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 | 5558-PBSL |
|--------------------|-----------|

**Reference - Drawing Numbers**

|                           |                                  |
|---------------------------|----------------------------------|
| Application Specification | 55560001-AS-000                  |
| Packaging Specification   | PK-5556-003                      |
| Product Specification     | PS-5556-001-001, PS-5556-002-001 |
| Sales Drawing             | SD-5558-XSX                      |
| Test Summary              | 55560010-TS-000, TS-5556-002-001 |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**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   | <u>11030044</u>  |
| Hand Crimp Tool<br>for Mini-Fit Jr. Male<br>and Female Crimp<br>Terminals, 18-24<br>AWG | <u>638190901</u> |

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