

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

**Part Number:** [0039000121](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** [Mini-Fit® Male Crimp Terminal, Tin \(Sn\) Plated Brass Contact, 18-24 AWG, Bag](#)

**Documents:**

|   |   |
|---|---|
| <a href="#">Drawing (PDF)</a>                               | <a href="#">Product Specification TS-5556-002-001 (PDF)</a> |
| <a href="#">Product Specification PS-5556-001 (PDF)</a>     | <a href="#">Packaging Specification PK-5556-003 (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="#">5558</a>                          |
| Application             | Power   |
| Crimp Quality Equipment | Yes   |
| Overview                | <a href="#">Mini-Fit Jr. Power Connectors</a> |
| Packaging Alternative   | <a href="#">39-00-0120 (Reel)</a>             |
| Product Name            | Mini-Fit®                                     |
| UPC                     | 800753512047                                  |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.138/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 mm²                  | N/A                  |

**Electrical**

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

**Solder Process Data**

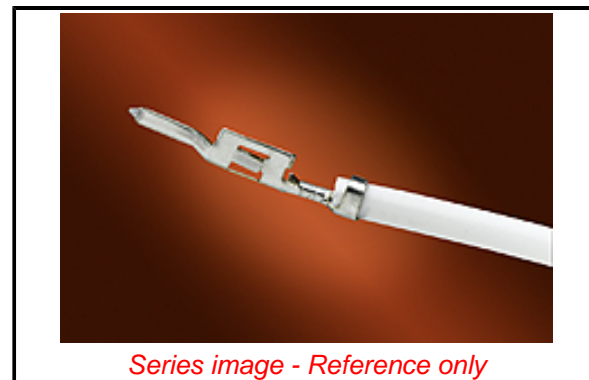
|                              |          |
|------------------------------|----------|
| Lead-free Process Capability | SMC&WAVE |
| Process Temperature max. C   | 260      |

**Material Info**

|                    |         |
|--------------------|---------|
| Engineering Number | 5558-SL |
|--------------------|---------|

**Reference - Drawing Numbers**

|                         |   |
|-------------------------|---|
| Packaging Specification | PK-5556-003                                   |
| Product Specification   | PS-5556-001, PS-5556-002-001, TS-5556-002-001 |
| Sales Drawing           | SD-5558-*S*                                   |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[5558 Series](#)

**Mates With**

[5556 Mini-Fit® Crimp Terminal](#)

**Use With**

[5559 Mini-Fit Jr.™ Plug Housing](#), [30068 Mini-Fit® TPA Plug Housing](#), [42475 Mini-Fit® BMI Plug Housing](#)