

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

**Part Number:** [0039000061](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit® Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24 AWG, Reel

**Documents:**

|  |   |
|--|---|
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Specification PS-5556-002-001 (PDF)</a> |
| <a href="#">Product Specification PS-51010-003 (PDF)</a> | <a href="#">Product Specification TS-5556-002-001 (PDF)</a> |
| <a href="#">Product Specification PS-51010-004 (PDF)</a> | <a href="#">Packaging Specification PK-5558-001 (PDF)</a>   |
| <a href="#">Product Specification PS-5556-001 (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="#">39-00-0062 (Loose)</a>             |
| Product Name            | Mini-Fit®                                      |
| UPC                     | 800753584686                                   |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.120/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.889µm              |
| Plating min - Termination      | 0.914µm              |
| 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 |

**Material Info**

|                    |         |
|--------------------|---------|
| Engineering Number | 5558PBT |
|--------------------|---------|

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | <a href="#">PK-5558-001</a>  |
| Product Specification   | <a href="#">PS-51010-003</a> , <a href="#">PS-51010-004</a> , <a href="#">PS-5556-001</a> ,<br><a href="#">PS-5556-002-001</a> , <a href="#">TS-5556-002-001</a> |
| Sales Drawing           | <a href="#">SD-5558****</a>  |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**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](#)