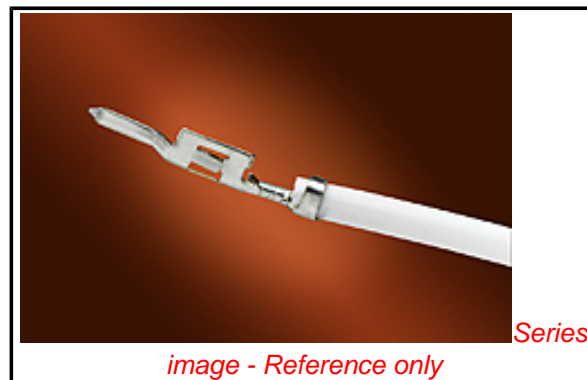


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **39-00-0049**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit® Male Crimp Terminal, Tin (Sn) over Plated Brass Contact, 22-28 AWG, Bag

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Specification PS-52034-004 (PDF)</a> |
| <a href="#">Product Specification PS-51010-005 (PDF)</a> | <a href="#">Product Specification PS-5556-002 (PDF)</a>  |
| <a href="#">Product Specification PS-51010-006 (PDF)</a> | <a href="#">Test Summary TS-5556-002 (PDF)</a>           |
| <a href="#">Product Specification PS-51096-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |
| <a href="#">Product Specification PS-52034-003 (PDF)</a> |  |



**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals                                |
| Series                  | 5558   |
| Application             | Power  |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">Mini-Fit Jr.™ Power Connectors</a> |
| Product Name            | Mini-Fit®                                      |
| UPC                     | 800753584624                                   |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.154/g              |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 0.889µm              |
| Plating min - Termination      | 0.889µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 0.90-1.80mm          |
| Wire Size AWG                  | 22, 24, 26, 28       |
| Wire Size mm²                  | N/A                  |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 9A   |
| Voltage - Maximum             | 600V |

**Material Info**

|                 |         |
|-----------------|---------|
| Old Part Number | 5558T2L |
|-----------------|---------|

**Reference - Drawing Numbers**

|                       |  |
|-----------------------|--|
| Product Specification | PS-51010-005, PS-51010-006, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-002, RPS-30067-002 |
| Sales Drawing         | SD-5558****  |
| Test Summary          | TS-5556-002  |

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[5558Series](#)

**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](#)

**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 #                  |
|-------------------------------------|----------------------------|
| Hand Crimp Tool for Crimp Terminals | <a href="#">0638191000</a> |
| Extraction Tool                     | <a href="#">0011030044</a> |

**Japan**

| Description          | Product #                  |
|----------------------|----------------------------|
| Hand Extraction Tool | <a href="#">0570316000</a> |

|                     |                   |
|---------------------|-------------------|
| Hand Crimp Tool     | <u>0570645000</u> |
| Handtool - Straight | <u>0570385300</u> |
| Action              |                   |

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