

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

**Part Number:** [39-00-0047](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™](#)  
**Description:** 4.20mm Pitch Mini-Fit® Crimp Terminal, Female, with Tin (Sn) over Copper (Cu) Plated Brass, 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-5556-001 (PDF)</a>  |
| <a href="#">Product Specification PS-51010-006 (PDF)</a> | <a href="#">Product Specification PS-5556-002 (PDF)</a>  |
| <a href="#">Product Specification PS-51096-001 (PDF)</a> | <a href="#">Test Summary TS-5556-002 (PDF)</a>           |
| <a href="#">Product Specification PS-52034-003 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

**General**

|                         |                               |
|-------------------------|-------------------------------|
| Product Family          | Crimp Terminals               |
| Series                  | 5556                          |
| Application             | Power                         |
| Crimp Quality Equipment | Yes                           |
| Overview                | <a href="#">Mini-Fit Jr.™</a> |
| Product Name            | Mini-Fit®                     |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Receptacle           |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| 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 | 5556T2L |
|-----------------|---------|

**Reference - Drawing Numbers**

|                       |  |
|-----------------------|--|
| Product Specification | PS-51010-005, PS-51010-006, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-5557-031 |
| Sales Drawing         | SD-5556****  |
| Test Summary          | TS-5556-002  |



image - Reference only

**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**

[5556Series](#)

**Mates With**

[5558](#) Mini-Fit® Crimp Male Terminals. Mini-Fit Jr.™ Header, Dual Row, [5566](#) , [5569](#)

**Use With**

[5557](#) Mini-Fit Jr.™ Receptacle Housing, [30067](#) Mini-Fit® TPA, [42474](#) Mini-Fit® BMI Panel Mount, [5559](#) Mini-Fit Jr.™ Plug Housing, Dual Row

**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**

| <b>Description</b>            | <b>Product #</b>  |
|-------------------------------|-------------------|
| Hand Extraction Tool          | <u>0570316000</u> |
| Handtool - Straight<br>Action | <u>0570385300</u> |
| Hand Crimp Tool               | <u>0570645000</u> |

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