

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

**Part Number:** [0039000046](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 22-28 AWG, Reel

**Documents:**

|  |   |
|--|---|
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Specification PS-5556-001 (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="#">Packaging Specification PK-5556-001 (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>      |
| <a href="#">Product Specification PS-52034-004 (PDF)</a> |   |

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals                                |
| Series                  | <a href="#">5556</a>                           |
| Application             | Power  |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">Mini-Fit Jr.™ Power Connectors</a> |
| Product Name            | Mini-Fit®                                      |
| UPC                     | 800753627710                                   |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 123.000/mg           |
| Packaging Type                 | Reel                 |
| 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 | 9.0A |
| Voltage - Maximum             | 600V |

**Solder Process Data**

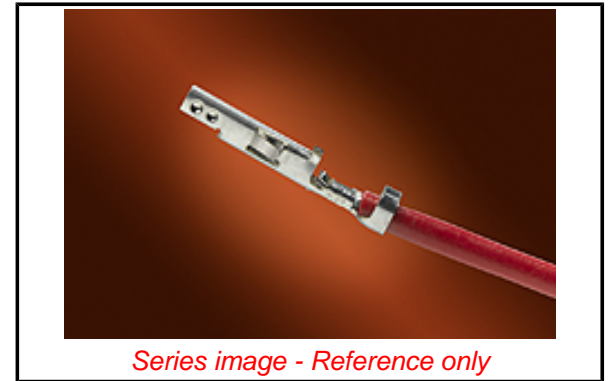
|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

|                 |        |
|-----------------|--------|
| Old Part Number | 5556T2 |
|-----------------|--------|

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | <a href="#">PK-5556-001</a>  |
| Product Specification   | <a href="#">PS-51010-005</a> , <a href="#">PS-51010-006</a> , <a href="#">PS-51096-001</a> ,<br><a href="#">PS-52034-003</a> , <a href="#">PS-52034-004</a> , <a href="#">PS-5556-001</a> ,<br><a href="#">PS-5556-002</a> , <a href="#">RPS-30067-001</a> , <a href="#">RPS-30067-002</a> ,<br><a href="#">RPS-5557-031</a> |
| Sales Drawing           | <a href="#">SD-5556****</a>  |
| Test Summary            | <a href="#">TS-5556-002</a>  |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**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

Green Image  
Not Relevant

**Search Parts in this Series**

[5556](#) Series

**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 #**

|  |                   |
|--|-------------------|
| FineAdjust™<br>Applicator for<br>Insulation OD<br>1.30-1.50mm, 22-28<br>AWG Wire | <u>0639002700</u> |
| Hand Crimp Tool for<br>Crimp Terminals   | <u>0638191000</u> |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>0.95-1.08mm - 22-28<br>AWG     | <u>0639023800</u> |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>1.10-1.30mm - 22-28<br>AWG     | <u>0639020200</u> |
| Extraction Tool  | <u>0011030044</u> |
| T2 Terminator™<br>for insulation OD<br>1.30-1.50mm - 22-28<br>AWG                | <u>0639102700</u> |
| T2 Terminator™<br>for insulation OD<br>1.10-1.30mm - 22-28<br>AWG                | <u>0639120200</u> |
| T2 Terminator™<br>for insulation OD<br>0.95-1.08mm - 22-28<br>AWG                | <u>0639123800</u> |
| <b>Japan</b>   |                   |
| <b>Description</b>   | <b>Product #</b>  |
| Hand Extraction Tool   | <u>0570316000</u> |
| Applicator for M21 1A<br>Bench Press, 22-28<br>AWG Wire                          | <u>0570383000</u> |

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