

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

**Part Number:** [0039000040](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Male Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass Contact, 18-24 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [Product Specification TS-5556-002-001 \(PDF\)](#)  
[Product Specification PS-5556-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-5556-002-001 \(PDF\)](#)

**General**

Product Family [Crimp Terminals](#)  
Series [5558](#)  
Application [Power](#)  
Crimp Quality Equipment [Yes](#)  
Overview [Mini-Fit Jr.™ Power Connectors](#)  
Packaging Alternative [39-00-0041 \(Loose\)](#)  
Product Name [Mini-Fit®](#)  
UPC [800753643239](#)

**Physical**

Durability (mating cycles max) [30](#)  
Gender [Male](#)  
Material - Metal [Brass](#)  
Material - Plating Mating [Tin](#)  
Material - Plating Termination [Tin](#)  
Net Weight [0.123/g](#)  
Packaging Type [Reel](#)  
Plating min - Mating [0.889µm](#)  
Plating min - Termination [0.889µm](#)  
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**

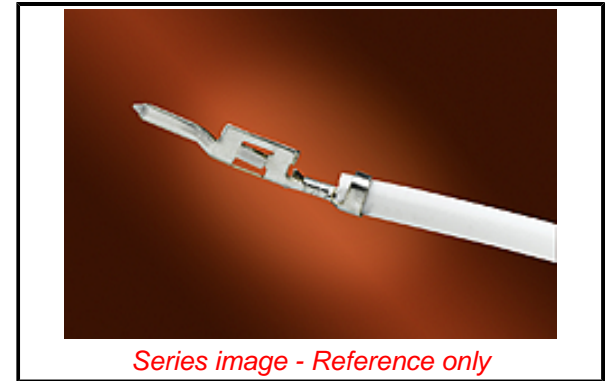
Lead-freeProcess Capability [N/A](#)

**Material Info**

Engineering Number [5558T](#)

**Reference - Drawing Numbers**

Product Specification [PS-5556-001, PS-5556-002-001, TS-5556-002-001](#)  
Sales Drawing [SD-5558\\*\\*\\*\\*](#)



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**China RoHS**

**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

Compliant

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](#)

**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>1.65-2.05mm, 18-24<br>AWG Wire              | <u>0639002900</u> |
| Hand Crimp Tool for<br>Male and Female<br>Crimp Terminals,<br>16-24 AWG Wire                  | <u>0638190900</u> |
| Extraction Tool   | <u>0011030044</u> |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>2.50-2.95mm, 18-24<br>AWG Wire              | <u>0639002600</u> |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>1.90-2.30mm - 18-24<br>AWG                  | <u>0639015600</u> |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>1.40-1.70mm - 18-24<br>AWG                  | <u>0639023900</u> |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>2.30-2.60mm - 18-24<br>AWG                  | <u>0639024900</u> |
| T2 Terminator™<br>for insulation OD<br>2.50-2.95mm - 18-24<br>AWG                             | <u>0639102600</u> |
| T2 Terminator™ for<br>insulation OD 1.65<br>– 2.05mm – 18 – 24<br>AWG                         | <u>0639102900</u> |
| T2 Terminator™<br>for insulation OD<br>2.50-2.95mm<br>optimized for 18<br>AWG only            | <u>0639124800</u> |
| T2 Terminator™<br>for insulation OD<br>2.30-2.60mm - 18-24<br>AWG                             | <u>0639124900</u> |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>2.50-2.95mm<br>Optimized for 18<br>AWG Only | <u>0639024800</u> |
| T2 Terminator™<br>for insulation OD<br>1.90-2.30mm - 18-24<br>AWG                             | <u>0639115600</u> |
| T2 Terminator™<br>for insulation OD<br>1.40-1.70mm - 18-24<br>AWG                             | <u>0639123900</u> |
| <b>Japan</b>  |                   |
| <b>Description</b>  | <b>Product #</b>  |
| Hand Extraction Tool  | <u>0570316000</u> |

This document was generated on 11/23/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**