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**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 \(PDF\)](#)                                      [Packaging Specification PK-5558-001 \(PDF\)](#)  
[Product Specification PS-5556-002 \(PDF\)](#)                                      [RoHS Certificate of Compliance \(PDF\)](#)

**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**

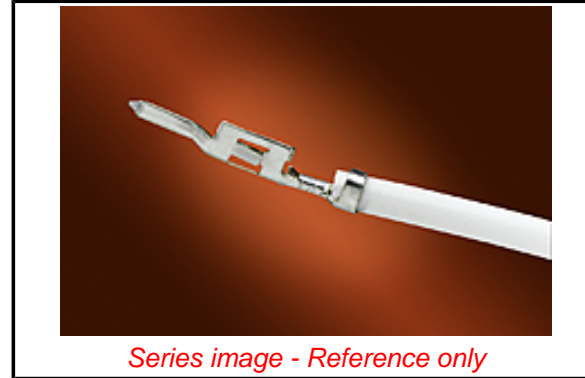
Lead-freeProcess Capability                                      N/A

**Material Info**

Engineering Number                                      5558T

**Reference - Drawing Numbers**

Packaging Specification                                      PK-5558-001  
Product Specification                                      PS-5556-002, RPS-30067-002, RPS-42474-001  
Sales Drawing    SD-5558\*\*\*\*



**EU ELV**  
**Compliant**

**EU RoHS**                                      **China 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                                      Green Image  
ELV    Compliant

**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™ Applicator for	<a href="#">0639002900</a>

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

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