

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

**Part Number:** [0039000121](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** [Mini-Fit® Male Crimp Terminal, Tin \(Sn\) Plated Brass Contact, 18-24 AWG, Bag](#)

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-003 \(PDF\)](#)  
[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 [39-00-0120 \(Reel\)](#)  
Product Name [Mini-Fit®](#)  
UPC [800753512047](#)

**Physical**

Durability (mating cycles max) [30](#)  
Gender [Male](#)  
Material - Metal [Brass](#)  
Material - Plating Mating [Tin](#)  
Material - Plating Termination [Tin](#)  
Net Weight [0.138/g](#)  
Packaging Type [Bag](#)  
Plating min - Mating [2.540µm](#)  
Plating min - Termination [2.540µm](#)  
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**

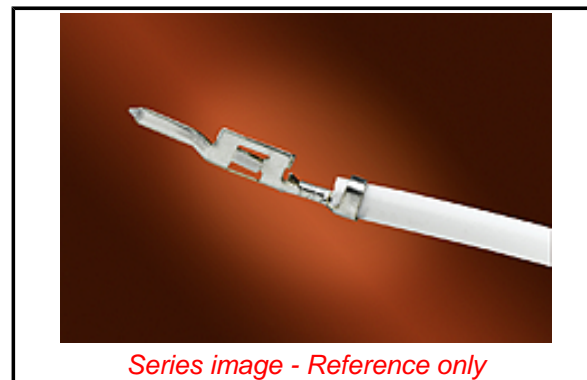
Lead-freeProcess Capability [SMC&WAVE](#)  
Process Temperature max. C [260](#)

**Material Info**

Old Part Number [5558-SL](#)

**Reference - Drawing Numbers**

Packaging Specification [PK-5556-003](#)  
Product Specification [PS-5556-002](#)  
Sales Drawing [SD-5558-\\*S\\*](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU 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  
ELV

Green Image  
Not Relevant

**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**

FineAdjust™  
Applicator for

**Product #**

[0639002900](#)

Insulation OD 1.65-2.05mm, 18-24 AWG Wire Hand Crimp Tool for	<u>0638190900</u>
Male and Female Crimp Terminals, 16-24 AWG Wire Extraction Tool	<u>0011030044</u>
FineAdjust™	<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™	<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	

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