

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

**Part Number:** [0039000038](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 55560000-TS-000 (PDF)</a>
<a href="#">Product Specification PS-5556-001-001 (PDF)</a>	<a href="#">Test Summary 55560010-TS-000 (PDF)</a>
<a href="#">Product Specification PS-5556-002-001 (PDF)</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">Application Specification 55560001-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification PK-5556-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<a href="#">5556</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr. Power Connectors</a>
Packaging Alternative	<a href="#">39000039 (Loose)</a>
Product Name	Mini-Fit
UPC	800753585010

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.182/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 mm <sup>2</sup>	N/A

**Electrical**

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

**Solder Process Data**

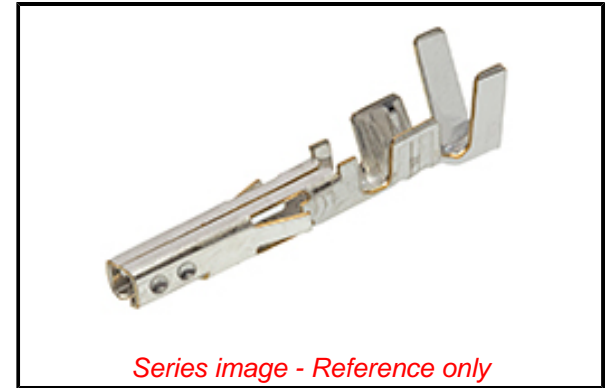
Lead-freeProcess Capability	N/A
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**Material Info**

Engineering Number	5556T
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**Reference - Drawing Numbers**

Application Specification	55560001-AS-000
Packaging Specification	PK-5556-001
Product Specification	PS-5556-001-001, PS-5556-002-001
Sales Drawing	55560000-SD-000
Test Summary	55560000-TS-000, 55560010-TS-000, TS-5556-002-001



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ECHA\_01\_2020 (16 January 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[5556 Series](#)

**Use With**

Mini-Fit Jr. Receptacle Housing [5557](#)  
 <br>Mini-Fit BMI Slide and Lock Panel Mount [44516](#) <br>Mini-Fit BMI Panel Mount Receptacle Housing<br> [42474](#) , [43760](#)

**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 #**

Extraction Tool	<a href="#">11030044</a>
FineAdjust Applicator	<a href="#">2037026300</a>
for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	
Hand Crimp Tool	<a href="#">638190901</a>
for Mini-Fit Jr. Male	

and Female Crimp  
 Terminals, 18-24  
 AWG  
 FineAdjust Applicator 639015600  
 for Insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 FineAdjust Applicator 639023900  
 for Insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 FineAdjust Applicator 639024800  
 for Insulation OD  
 2.50-2.95mm  
 Optimized for 18  
 AWG Only  
 FineAdjust Applicator 639024900  
 for Insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 FineAdjust Applicator 639047800  
 for Insulation OD  
 2.50-2.95mm, 18-24  
 AWG  
 FineAdjust Applicator 639048000  
 for Insulation OD  
 1.65-2.05mm, 18-24  
 AWG  
 T2 Terminator 639115600  
 for insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 T2 Terminator 639123900  
 for insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 T2 Terminator 639124800  
 for insulation OD  
 2.50-2.95mm  
 optimized for 18  
 AWG only  
 T2 Terminator 639124900  
 for insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 T2 Terminator 639147800  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Large  
 Insulation ODs  
 T2 Terminator 639148000  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Smaller  
 Insulation ODs

**Japan**

<b>Description</b>	<b>Product #</b>
Applicator for M211A Bench Press, 18-24 AWG Wire	<u>570223000</u>
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24 AWG, UL1007 Wires	<u>570223700</u>

S-1 Applicator 570223710  
for Mini-Fit Plug  
and Receptacle  
Terminals, 18-24  
AWG, UL1015 Wires  
Hand Extraction Tool 570316000

This document was generated on 03/04/2020

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