

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

**Part Number:** **39-00-0078**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 16 AWG, Bag

**Documents:**

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

**General**

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Packaging Alternative	<a href="#">39-00-0077 (Reel)</a>
Product Name	Mini-Fit®
UPC	800753727021

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	135.300/mg
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm²	N/A

**Electrical**

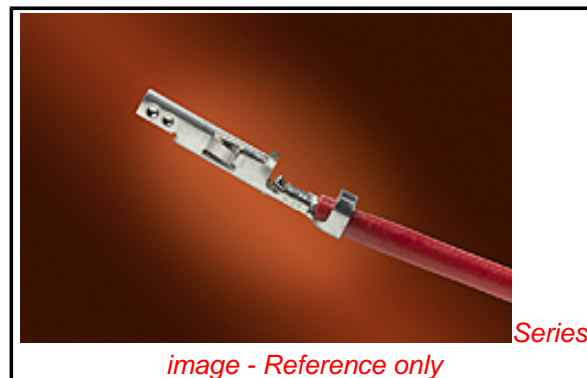
Current - Maximum per Contact	9A
Voltage - Maximum	600V

**Material Info**

Old Part Number	5556T3L
-----------------	---------

**Reference - Drawing Numbers**

Product Specification	PS-5556-001, PS-5556-002
Sales Drawing	SD-5556****
Test Summary	TS-5556-002



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC  
Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[5556Series](#)

**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 #
Hand Crimp Tool for	<a href="#">0638190900</a>
Male and Female Crimp Terminals,	
16-24 AWG Wire	

Extraction Tool 0011030044

**Japan**

**Description** **Product #**

Hand Extraction Tool 0570316000

Hand Crimp Tool 0570225300

New Handtool 0570225400  
(Straight Action)

This document was generated on 02/10/2015

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