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**Part Number:** **39-00-0038**  
**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="#">Product Specification PS-52034-003 (PDF)</a>
<a href="#">Product Specification PS-51010-005 (PDF)</a>	<a href="#">Product Specification PS-52034-004 (PDF)</a>
<a href="#">Product Specification PS-51010-006 (PDF)</a>	<a href="#">Product Specification PS-5556-001 (PDF)</a>
<a href="#">Product Specification PS-51045-001 (PDF)</a>	<a href="#">Product Specification PS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-51045-002 (PDF)</a>	<a href="#">Packaging Specification PK-5556-001 (PDF)</a>
<a href="#">Product Specification PS-51045-004 (PDF)</a>	<a href="#">Test Summary TS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-51096-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Jr.™ Power Connectors</u>
Packaging Alternative	<u>39-00-0039 (Loose)</u>
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	0.130/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**

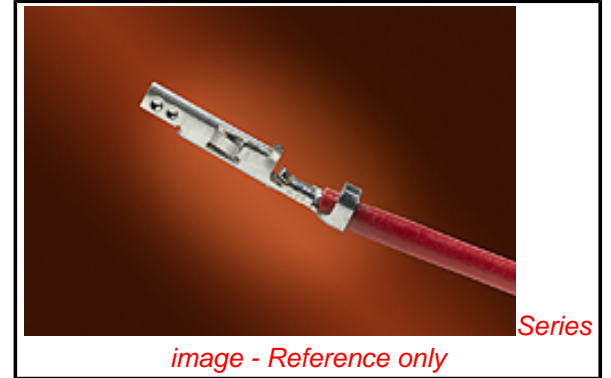
Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

**Material Info**

Old Part Number	5556T
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**Reference - Drawing Numbers**

Packaging Specification	PK-5556-001
Product Specification	PS-51010-005, PS-51010-006, PS-51045-001, PS-51045-002, PS-51045-004, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-42474-001, RPS-51045-001, RPS-5557-008, RPS-5557-024, RPS-5557-031, RPS-5557-036, RPS-5557-037, RPS-5557-045, RPS-5557-046, RPS-5566-002



**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 #
FineAdjust™ Applicator for Insulation OD	<a href="#">0639002600</a>

2.50-2.95mm, 18-24 AWG Wire FineAdjust™	<u>0639002900</u>
Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire FineAdjust™	<u>0639023900</u>
Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG T2 Terminator™	<u>0639123900</u>
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>0639124900</u>
for insulation OD 2.30-2.60mm - 18-24 AWG Hand Crimp Tool for	<u>0638190900</u>
Male and Female Crimp Terminals, 16-24 AWG Wire T2 Terminator™ for	<u>0639102900</u>
insulation OD 1.65 – 2.05mm – 18 – 24 AWG FineAdjust™	<u>0639024800</u>
Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only FineAdjust™	<u>0639015600</u>
Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG T2 Terminator™	<u>0639102600</u>
for insulation OD 2.50-2.95mm - 18-24 AWG Extraction Tool	<u>0011030044</u>
T2 Terminator™	<u>0639115600</u>
for insulation OD 1.90-2.30mm - 18-24 AWG T2 Terminator™	<u>0639124800</u>
for insulation OD 2.50-2.95mm optimized for 18 AWG only <b>Japan</b>	
<b>Description</b>	<b>Product #</b>
Applicator for M21 1A Bench Press, 18-24 AWG Wire	<u>0570223000</u>

Side-Feed Applicator [0570223200](#)  
For Full-Auto  
Machine  
Hand Extraction Tool [0570316000](#)

This document was generated on 05/14/2015

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