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**Part Number:** [39-00-0046](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 22-28 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5556-001 (PDF)</a>
<a href="#">Product Specification PS-51010-005 (PDF)</a>	<a href="#">Product Specification PS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-51010-006 (PDF)</a>	<a href="#">Packaging Specification PK-5556-001 (PDF)</a>
<a href="#">Product Specification PS-51096-001 (PDF)</a>	<a href="#">Test Summary TS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-52034-003 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-52034-004 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Product Name	Mini-Fit®
UPC	800753627710

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	123.000/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.90-1.80mm
Wire Size AWG	22, 24, 26, 28
Wire Size mm²	N/A

**Electrical**

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

**Material Info**

Old Part Number	5556T2
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**Reference - Drawing Numbers**

Packaging Specification	PK-5556-001
Product Specification	PS-51010-005, PS-51010-006, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-5557-031
Sales Drawing	SD-5556****
Test Summary	TS-5556-002



image - Reference only

**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="#">0638191000</a>
Crimp Terminals	
FineAdjust™	<a href="#">0639002700</a>
Applicator for	

Insulation OD 1.30-1.50mm - 22-28 AWG T2 Terminator™	<u>0639120200</u>
for insulation OD 1.10-1.30mm - 22-28 AWG T2 Terminator™	<u>0639123800</u>
for insulation OD 0.95-1.08mm - 22-28 AWG T2 Terminator™	<u>0639102700</u>
for insulation OD 1.30-1.50mm - 22-28 AWG Extraction Tool	<u>0011030044</u>
FineAdjust™	<u>0639020200</u>
Applicator for Insulation OD 1.10-1.30mm - 22-28 AWG FineAdjust™	<u>0639023800</u>
Applicator for Insulation OD 0.95-1.08mm - 22-28 AWG	
<b>Japan</b>	
<b>Description</b>	<b>Product #</b>
Hand Extraction Tool	<u>0570316000</u>
Applicator for M21 1A	<u>0570383000</u>
Bench Press, 22-28 AWG Wire	

This document was generated on 01/26/2015

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