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**Part Number:** [0039000047](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 22-28 AWG, Bag

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-003 \(PDF\)](#)  
[Product Specification PS-5556-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-5556-002 \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [5556](#)  
 Application Power  
 Crimp Quality Equipment Yes  
 Overview [Mini-Fit Jr.™ Power Connectors](#)  
 Packaging Alternative [39-00-0046 \(Reel\)](#)  
 Product Name Mini-Fit®  
 UPC 800753727212

**Physical**

Durability (mating cycles max) 30  
 Gender Female  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 0.123/g  
 Packaging Type Bag  
 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 9.0A  
 Voltage - Maximum 600V

**Solder Process Data**

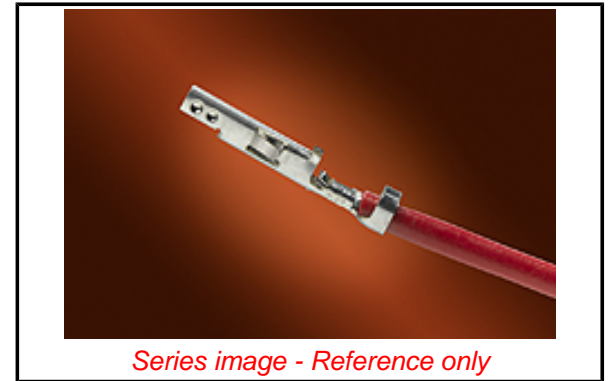
Lead-free Process Capability N/A

**Material Info**

Old Part Number 5556T2L

**Reference - Drawing Numbers**

Packaging Specification [PK-5556-003](#)  
 Product Specification [PS-5556-001](#), [PS-5556-002](#), [RPS-30067-001](#),  
[RPS-30067-002](#), [RPS-5557-031](#)  
 Sales Drawing [SD-5556\\*\\*\\*\\*](#)



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**

[5556 Series](#)

**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 #**

Extraction Tool 0011030044  
Hand Crimp Tool for 0638191000  
Crimp Terminals

**Japan**

<b>Description</b>	<b>Product #</b>
Hand Extraction Tool	<u>0570316000</u>
Hand Crimp Tool	<u>0570645000</u>
Handtool - Straight Action	<u>0570385300</u>

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