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**Part Number:** [0039000048](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Male Crimp Terminal, Tin (Sn) over Plated Brass Contact, 22-28 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-5556-002 \(PDF\)](#)  
[Product Specification PS-5556-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-5558-001 \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [5558](#)  
 Application Power  
 Crimp Quality Equipment Yes  
 Overview [Mini-Fit Jr.™ Power Connectors](#)  
 Product Name Mini-Fit®  
 UPC 800753584617

**Physical**

Durability (mating cycles max) 30  
 Gender Male  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 0.154/g  
 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 9.0A  
 Voltage - Maximum 600V

**Solder Process Data**

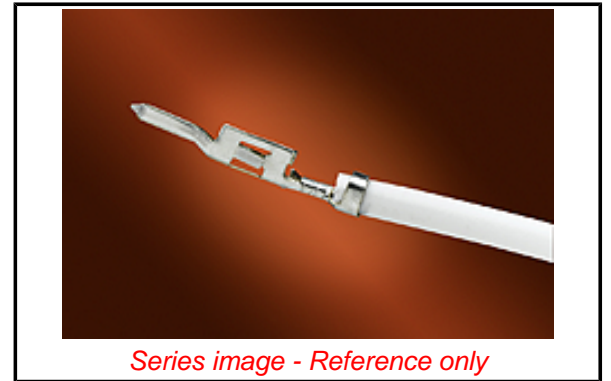
Lead-freeProcess Capability N/A

**Material Info**

Old Part Number 5558T2

**Reference - Drawing Numbers**

Packaging Specification PK-5558-001  
 Product Specification PS-5556-002, RPS-30067-002  
 Sales Drawing SD-5558\*\*\*\*  
 Test Summary TS-5556-002



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**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**

[5558 Series](#)

**Mates With**

[5556 Mini-Fit® Crimp Terminal](#)

**Use With**

[5559 Mini-Fit Jr.™ Plug Housing](#), [30068 Mini-Fit® TPA Plug Housing](#), [42475 Mini-Fit® BMI Plug Housing](#)

**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 #**

T2 Terminator™  
 for insulation OD

[0639102700](#)

1.30-1.50mm - 22-28 AWG T2 Terminator™	<u>0639123800</u>
for insulation OD 0.95-1.08mm - 22-28 AWG Hand Crimp Tool for	<u>0638191000</u>
Crimp Terminals T2 Terminator™	<u>0639120200</u>
for insulation OD 1.10-1.30mm - 22-28 AWG Extraction Tool	<u>0011030044</u>
FineAdjust™	<u>0639002700</u>
Applicator for Insulation OD 1.30-1.50mm, 22-28 AWG Wire 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 01/29/2016

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