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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	<a href="#">5558</a>
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
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**

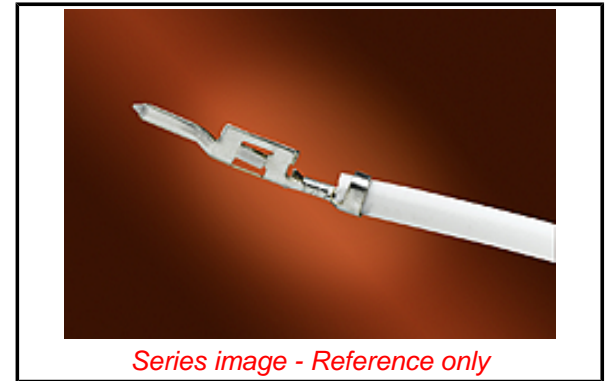
Lead-freeProcess Capability	N/A
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**Material Info**

Old Part Number	5558T2
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**Reference - Drawing Numbers**

Packaging Specification	<a href="#">PK-5558-001</a>
Product Specification	<a href="#">PS-5556-002</a> , <a href="#">RPS-30067-002</a>
Sales Drawing	<a href="#">SD-5558****</a>
Test Summary	<a href="#">TS-5556-002</a>



*Series image - Reference only*

**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	

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