

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0039000081**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit® Male Crimp Terminal, Tin (Sn) over Copper Plated Brass, 16 AWG, Reel

**Documents:**

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

**General**

Product Family Crimp Terminals  
Series 5558  
Application Power  
Crimp Quality Equipment Yes  
Overview Mini-Fit Jr.™ Power Connectors  
Packaging Alternative 39-00-0082 (Loose)  
Product Name Mini-Fit®  
UPC 800753727083

**Physical**

Durability (mating cycles max) 30  
Gender Male  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Net Weight 0.080/g  
Packaging Type Reel  
Plating min - Mating 0.889µm  
Plating min - Termination 0.889µm  
Termination Interface: Style Crimp or Compression  
Wire Insulation Diameter 1.80-3.10mm  
Wire Size AWG 16  
Wire Size mm² N/A

**Electrical**

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

**Solder Process Data**

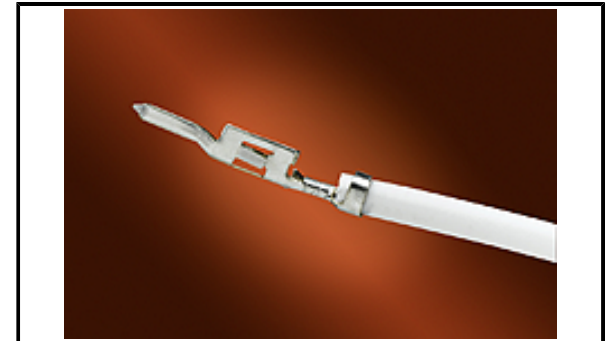
Lead-freeProcess Capability N/A

**Material Info**

Engineering Number 5558T3

**Reference - Drawing Numbers**

Product Specification PS-5556-001, PS-5556-002-001, TS-5556-002-001  
Sales Drawing SD-5558\*\*\*\*



*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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**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