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Part Number: [39-00-0081](#)
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 \(PDF\)](#) [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
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

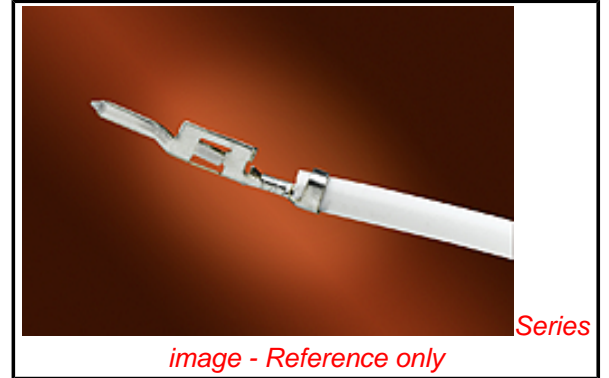
Current - Maximum per Contact	9A
Voltage - Maximum	600V

Material Info

Old Part Number	5558T3
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Reference - Drawing Numbers

Packaging Specification	PK-5558-001
Product Specification	PS-5556-002, RPS-30067-002, RPS-30067-003
Sales Drawing	SD-5558****
Test Summary	TS-5556-002



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
 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

[5558Series](#)

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 #
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900
T2 Terminator™ for insulation OD	0639102800

2.60-3.15mm optimized for 16 AWG only FineAdjust™ Applicator for Insulation OD	<u>0639002800</u>
2.60-3.15mm Optimized for 16 AWG Only FineAdjust™ Applicator for Insulation OD	<u>0639003000</u>
2.20-2.45mm Optimized for 16 AWG Only T2 Terminator™ for insulation OD	<u>0639103000</u>
2.20-2.45mm optimized for 16 AWG only FineAdjust™ Applicator for Insulation OD	<u>0639015300</u>
1.80-2.20mm Optimized for 16 AWG Only Extraction Tool	<u>0011030044</u>
Japan	
Description	Product #
Hand Extraction Tool	<u>0570316000</u>

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