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Part Number: [0039000040](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Male Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass Contact, 18-24 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	39-00-0041 (Loose)
Product Name	Mini-Fit®
UPC	800753643239

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.123/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

Electrical

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

Solder Process Data

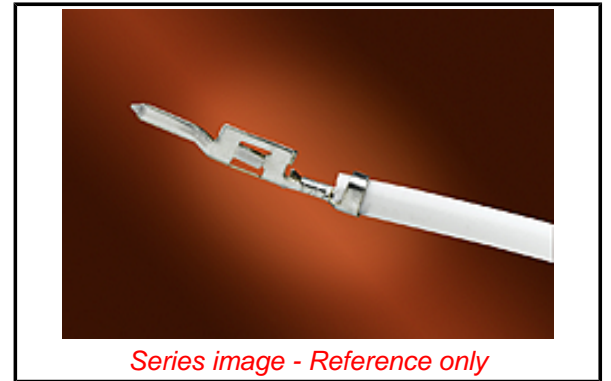
Lead-freeProcess Capability	N/A
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Material Info

Old Part Number	5558T
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Reference - Drawing Numbers

Packaging Specification	PK-5558-001
Product Specification	PS-5556-002, RPS-30067-002, RPS-42474-001
Sales Drawing	SD-5558****
Test Summary	TS-5556-002



EU ELV

Compliant

EU RoHS

Compliant

China RoHS

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
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

Green Image

Compliant

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

FineAdjust™
Applicator for

Product #

[0639024800](#)

Insulation OD 2.50-2.95mm Optimized for 18 AWG Only T2 Terminator™	<u>0639102600</u>
for insulation OD 2.50-2.95mm - 18-24 AWG T2 Terminator™	<u>0639124800</u>
for insulation OD 2.50-2.95mm optimized for 18 AWG only T2 Terminator™	<u>0639124900</u>
for insulation OD 2.30-2.60mm - 18-24 AWG Hand Crimp Tool for	<u>0638190900</u>
Male and Female Crimp Terminals, 16-24 AWG Wire T2 Terminator™ for	<u>0639102900</u>
insulation OD 1.65 – 2.05mm – 18 – 24 AWG T2 Terminator™	<u>0639123900</u>
for insulation OD 1.40-1.70mm - 18-24 AWG Extraction Tool	<u>0011030044</u>
T2 Terminator™	<u>0639115600</u>
for insulation OD 1.90-2.30mm - 18-24 AWG FineAdjust™	<u>0639002600</u>
Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire FineAdjust™	<u>0639002900</u>
Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire FineAdjust™	<u>0639015600</u>
Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG FineAdjust™	<u>0639023900</u>
Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG FineAdjust™	<u>0639024900</u>
Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	
Japan	
Description	Product #
Hand Extraction Tool	<u>0570316000</u>

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