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Part Number: [39-00-0121](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Male Crimp Terminal, Tin (Sn) Plated Brass Contact, 18-24 AWG, Bag

Documents:

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

General

Product Family	Crimp Terminals
Series	5558
Application	Power
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr.™ Power Connectors
Product Name	Mini-Fit®
UPC	800753512047

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.138/g
Packaging Type	Bag
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
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

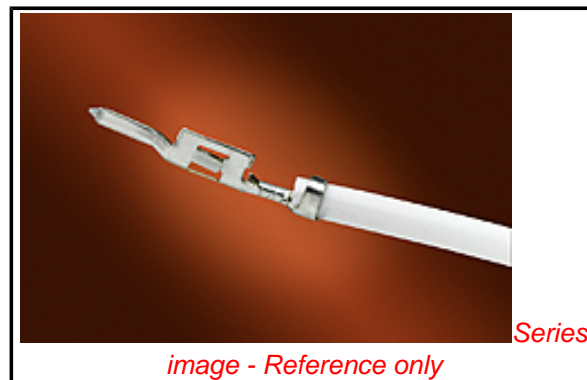
Lead-free Process Capability	SMC & Wave Capable (TH only)
Process Temperature max. C	260

Material Info

Old Part Number	5558-SL
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Reference - Drawing Numbers

Product Specification	PS-5556-002
Sales Drawing	SD-5558-*S*
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 #
Extraction Tool	0011030044
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900

FineAdjust™ Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire	<u>0639002600</u>
FineAdjust™ Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire	<u>0639002900</u>
FineAdjust™ Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639015600</u>
FineAdjust™ Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639023900</u>
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<u>0639024800</u>
FineAdjust™ Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639024900</u>
T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG	<u>0639102600</u>
T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639115600</u>
T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639123900</u>
T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only	<u>0639124800</u>
T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639124900</u>

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