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Part Number: [39-00-0121](#)
Status: **Active**
Overview: [Mini-Fit Jr.™](#)
Description: 4.20mm Pitch Mini-Fit® Crimp Terminal, Male, with 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.™](#)
 Product Name Mini-Fit®

Physical

Durability (mating cycles max) 30
 Gender Male
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 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 9A
 Voltage - Maximum 600V

Solder Process Data

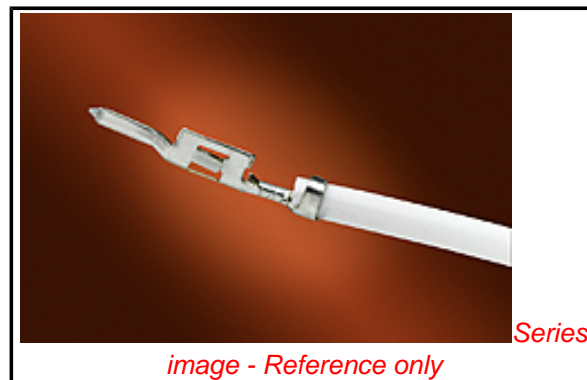
Lead-free Process Capability SMC & Wave Capable (TH only)
 Process Temperature max. C 260

Material Info

Old Part Number [5558-SL](#)
 UPC 800753512047

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 Not Reviewed

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 #
T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG	0639124900
T2 Terminator™ for insulation OD	0639102600

2.50-2.95mm - 18-24 AWG FineAdjust™ Applicator for insulation OD	<u>0639002600</u>
2.50-2.95mm - 18-24 AWG T2 Terminator™ for insulation OD	<u>0639123900</u>
1.40-1.70mm - 18-24 AWG FineAdjust™ Applicator for insulation OD	<u>0639024900</u>
2.30-2.60mm - 18-24 AWG Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>
FineAdjust™ Applicator for insulation OD	<u>0639023900</u>
1.40-1.70mm - 18-24 AWG FineAdjust™ Applicator for insulation OD	<u>0639024800</u>
2.50-2.95mm optimized for 18 AWG only FineAdjust™ Applicator for insulation OD	<u>0639002900</u>
1.65-2.05mm - 18-24 AWG FineAdjust™ Applicator for insulation OD	<u>0639015600</u>
1.90-2.30mm - 18-24 AWG T2 Terminator™ for insulation OD	<u>0639115600</u>
1.90-2.30mm - 18-24 AWG T2 Terminator™ for insulation OD	<u>0639124800</u>
2.50-2.95mm optimized for 18 AWG only Extraction Tool	<u>0011030044</u>

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