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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 9A
 Voltage - Maximum 600V

Solder Process Data

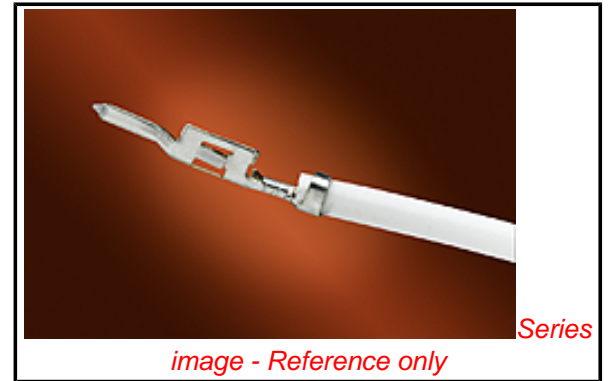
Lead-free Process Capability SMC & Wave Capable (TH only)
 Process Temperature max. C 260

Material Info

Old Part Number 5558-SL

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 # |
|---|----------------------------|
| Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire | 0638190900 |
| FineAdjust™ Applicator for | 0639023900 |

| | |
|---------------------|-------------------|
| Insulation OD | |
| 1.40-1.70mm - 18-24 | |
| AWG | |
| T2 Terminator™ | <u>0639115600</u> |
| for insulation OD | |
| 1.90-2.30mm - 18-24 | |
| AWG | |
| T2 Terminator™ | <u>0639123900</u> |
| for insulation OD | |
| 1.40-1.70mm - 18-24 | |
| AWG | |
| FineAdjust™ | <u>0639002600</u> |
| Applicator for | |
| Insulation OD | |
| 2.50-2.95mm - 18-24 | |
| AWG | |
| FineAdjust™ | <u>0639002900</u> |
| Applicator for | |
| Insulation OD | |
| 1.65-2.05mm - 18-24 | |
| AWG | |
| FineAdjust™ | <u>0639024900</u> |
| Applicator for | |
| Insulation OD | |
| 2.30-2.60mm - 18-24 | |
| AWG | |
| T2 Terminator™ | <u>0639124900</u> |
| for insulation OD | |
| 2.30-2.60mm - 18-24 | |
| AWG | |
| T2 Terminator™ | <u>0639102600</u> |
| for insulation OD | |
| 2.50-2.95mm - 18-24 | |
| AWG | |
| FineAdjust™ | <u>0639015600</u> |
| Applicator for | |
| Insulation OD | |
| 1.90-2.30mm - 18-24 | |
| AWG | |
| FineAdjust™ | <u>0639024800</u> |
| Applicator for | |
| Insulation OD | |
| 2.50-2.95mm | |
| Optimized for 18 | |
| AWG Only | |
| T2 Terminator™ | <u>0639124800</u> |
| for insulation OD | |
| 2.50-2.95mm | |
| optimized for 18 | |
| AWG only | |
| Extraction Tool | <u>0011030044</u> |

This document was generated on 08/26/2014

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