

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [39-00-0125](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™](#)  
**Description:** 4.20mm Pitch Mini-Fit® Crimp Terminal, Male, with Tin (Sn) Plated Brass Contact, 16 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                | <a href="#">Mini-Fit Jr.™</a> |
| Product Name            | Mini-Fit®                     |
| UPC                     | 800753826687                  |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.120/g              |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 2.540µm              |
| Plating min - Termination      | 2.540µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.80-3.10mm          |
| Wire Size AWG                  | 16                   |
| Wire Size mm²                  | N/A                  |

**Electrical**

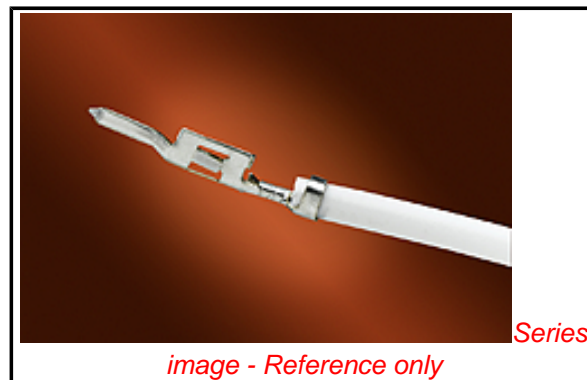
|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 9A   |
| Voltage - Maximum             | 600V |

**Material Info**

|                 |          |
|-----------------|----------|
| Old Part Number | 5558-S3L |
|-----------------|----------|

**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](mailto: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   | <a href="#">0011030044</a> |
| Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire | <a href="#">0638190900</a> |

This document was generated on 02/11/2013

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