

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000082](#)
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Male Crimp Terminal, Tin (Sn) over Copper Plated Brass, 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 [Mini-Fit Jr.™ Power Connectors](#)
 Packaging Alternative [39-00-0081 \(Reel\)](#)
 Product Name Mini-Fit®
 UPC 800753726802

Physical

Durability (mating cycles max) 30
 Gender Male
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 80.000/mg
 Packaging Type Bag
 Plating min - Mating 0.889µm
 Plating min - Termination 0.889µm
 Termination Interface: Style Crimp or Compression
 Wire Insulation Diameter 1.80-3.10mm
 Wire Size AWG 16
 Wire Size mm² N/A

Electrical

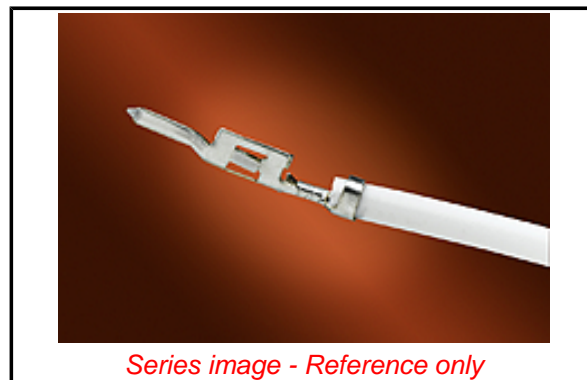
Current - Maximum per Contact 9.0A
 Voltage - Maximum 600V

Material Info

Old Part Number 5558T3L

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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

China RoHS
Green Image
Not Relevant

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	Product #
Hand Crimp Tool for Male and Female	0638190900

Crimp Terminals,
16-24 AWG Wire
Extraction Tool 0011030044

Japan

Description	Product #
--------------------	------------------

Hand Crimp Tool	<u>0570225300</u>
-----------------	-------------------

New Handtool	<u>0570225400</u>
--------------	-------------------

(Straight Action)

Hand Extraction Tool	<u>0570316000</u>
----------------------	-------------------

This document was generated on 07/21/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION