

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000081](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Male Crimp Terminal, Tin (Sn) over Copper Plated Brass, 16 AWG, Reel

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-5556-002 \(PDF\)](#)
[Product Specification PS-5556-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-5558-001 \(PDF\)](#)

General

Product Family Crimp Terminals
 Series [5558](#)
 Application Power
 Crimp Quality Equipment Yes
 Overview [Mini-Fit Jr.™ Power Connectors](#)
 Packaging Alternative [39-00-0082 \(Loose\)](#)
 Product Name Mini-Fit®
 UPC 800753727083

Physical

Durability (mating cycles max) 30
 Gender Male
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 0.080/g
 Packaging Type Reel
 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

Solder Process Data

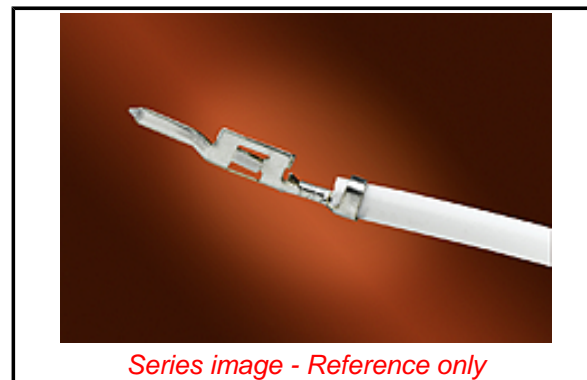
Lead-freeProcess Capability N/A

Material Info

Old Part Number 5558T3

Reference - Drawing Numbers

Packaging Specification [PK-5558-001](#)
 Product Specification [PS-5556-002](#), [RPS-30067-002](#), [RPS-30067-003](#)
 Sales Drawing [SD-5558****](#)
 Test Summary [TS-5556-002](#)



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/79/2015 (17
 December 2015)

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

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

FineAdjust™
 Applicator for

Product #

[0639039400](#)

| | |
|--|-------------------|
| Insulation OD 2.20-2.45mm, Optimized for 16 AWG Only FineAdjust™ | <u>0639015300</u> |
| Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only FineAdjust™ | <u>0639041400</u> |
| Applicator for Mini- Fit Jr.™, Mini-Fit HCS™, and Mini-Fit Plus HCS™ Crimp Terminals, 16 AWG with Large Insulation Diameters T2 Terminator™ | <u>0639102800</u> |
| for insulation OD 2.60-3.15mm optimized for 16 AWG only T2 Terminator™ | <u>0639103000</u> |
| for insulation OD 2.20-2.45mm optimized for 16 AWG only Hand Crimp Tool for | <u>0638190900</u> |
| Male and Female Crimp Terminals, 16-24 AWG Wire Extraction Tool | <u>0011030044</u> |
| Japan | |
| Description | Product # |
| Hand Extraction Tool | <u>0570316000</u> |

This document was generated on 03/08/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION