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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 \(PDF\)](#) [Packaging Specification 55580001-PK-000 \(PDF\)](#)
[Product Specification 55560008-TS-000 \(PDF\)](#) [Test Summary TS-5556-002-001 \(PDF\)](#)
[Product Specification PS-5556-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-5556-002-001 \(PDF\)](#)

General

Product Family Crimp Terminals
 Series [5558](#)
 Application Power, Wire-to-Wire
 Crimp Quality Equipment Yes
 Overview [Mini-Fit Jr. Power Connectors](#)
 Packaging Alternative [39000082](#) (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

Engineering Number 5558T3

Reference - Drawing Numbers

Packaging Specification 55580001-PK-000
 Product Specification 55560008-TS-000, PS-5556-001-001, PS-5556-002-001
 Sales Drawing SD-5558XXXX-001, SD-5558XXXX-002
 Test Summary TS-5556-002-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/71/2019 (16 July
 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

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 #
Extraction Tool	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200

FineAdjust Applicator 639039400
for Insulation OD
2.20-2.45mm,
Optimized for 16
AWG Only

FineAdjust Applicator 639041400
for Mini-Fit Jr., Mini-
Fit HCS, and Mini-
Fit Plus HCS Crimp
Terminals, 16 AWG
with Large Insulation
Diameters

FineAdjust 639041500
Applicator for Mini-
Fit Crimp Terminals,
1.80-2.20mm
Insulation Diameter
Wire, 16 AWG,
1.31mm²

Japan

Description	Product #
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S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 16 AWG Hand Extraction Tool	<u>570223730</u> <u>570316000</u>
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