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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)

Product Specification 55560008-TS-000 (PDF)

Product Specification PS-5556-001-001 (PDF)

Product Specification PS-5556-002-001 (PDF)

Packaging Specification 55580001-PK-000 (PDF)

Test Summary TS-5556-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

5558

Power, Wire-to-Wire

Yes

Mini-Fit Jr. Power Connectors

39000082 (Loose)

Mini-Fit

800753727083

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

30

Male

Brass

Tin

Tin

0.080/g

Reel

0.889µm

0.889µm

Crimp or Compression

1.80-3.10mm

16

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9.0A

600V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Engineering Number

5558T3

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

55580001-PK-000

55560008-TS-000, PS-5556-001-001, PS-5556-002-001

SD-5558XXXX-001, SD-5558XXXX-002

TS-5556-002-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China 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

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	<u>639039400</u>
for Insulation OD	
2.20-2.45mm,	
Optimized for 16	
AWG Only	
FineAdjust Applicator	<u>639041400</u>
for Mini-Fit Jr., Mini-	
Fit HCS, and Mini-	
Fit Plus HCS Crimp	
Terminals, 16 AWG	
with Large Insulation	
Diameters	
FineAdjust	<u>639041500</u>
Applicator for Mini-	
Fit Crimp Terminals,	
1.80-2.20mm	
Insulation Diameter	
Wire, 16 AWG,	
1.31mm ²	
Japan	
Description	Product #
S-1 Applicator	<u>570223730</u>
for Mini-Fit Plug	
and Receptacle	
Terminals, 16 AWG	
Hand Extraction Tool	<u>570316000</u>

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Mouser Electronics

Authorized Distributor

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Molex:

[39-00-0081](#) [39-00-0081 \(Mouser Reel\)](#) [39-00-0081 \(Cut Strip\)](#)