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Part Number:

0039000040

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Male Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass Contact, 18-24 AWG, Reel

- Documents:
- Drawing (PDF)

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 55560000-TS-000 (PDF)

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

RoHS Certificate of Compliance (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	39000041 (Loose)
Product Name	Mini-Fit
UPC	800753643239
Physical	
Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.123/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
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	5558T
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	55560000-TS-000, 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

Green Image

ELV

Compliant

RoHS Phthalates

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
FineAdjust Applicator	2037026300
for Mini-Fit Jr., Mini-Fit, and Mini-Fit Plus	
HCS, 22+22 AWG	

Hand Crimp Tool [638190901](#)
for Mini-Fit Jr. Male
and Female Crimp
Terminals, 18-24
AWG
FineAdjust Applicator[639015600](#)
for Insulation OD
1.90-2.30mm - 18-24
AWG
FineAdjust Applicator[639023900](#)
for Insulation OD
1.40-1.70mm - 18-24
AWG
FineAdjust Applicator[639024800](#)
for Insulation OD
2.50-2.95mm
Optimized for 18
AWG Only
FineAdjust Applicator[639024900](#)
for Insulation OD
2.30-2.60mm - 18-24
AWG
FineAdjust Applicator[639047800](#)
for Mini-Fit Jr., Mini-
Fit HCS, and Mini-
Fit Plus HCS Crimp
Terminals, 18-24
AWG with Large
Insulation Diameters
FineAdjust Applicator[639048000](#)
for Mini-Fit Crimp
Terminals, 18-24
AWG
T2 Terminator [639115600](#)
for insulation OD
1.90-2.30mm - 18-24
AWG
T2 Terminator [639123900](#)
for insulation OD
1.40-1.70mm - 18-24
AWG
T2 Terminator [639124800](#)
for insulation OD
2.50-2.95mm
optimized for 18
AWG only
T2 Terminator [639124900](#)
for insulation OD
2.30-2.60mm - 18-24
AWG

Japan	
Description	Product #
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24 AWG, UL1007 Wires	570223700
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24 AWG, UL1015 Wires	570223710
Hand Extraction Tool	570316000

This document was generated on 10/22/2019

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Mouser Electronics

Authorized Distributor

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Molex:

[39-00-0040](#) [39-00-0040 \(Cut Strip\)](#) [39-00-0040 \(Mouser Reel\)](#)