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Part Number: [0039000077](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 16, 18+22, 20+20, 20+22 AWG, Reel

Documents:

Drawing (PDF)	Product Specification PS-5556-002-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Application Specification 55560001-AS-000 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Packaging Specification 55560001-PK-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Test Summary 55560010-TS-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)

General

Product Family	Crimp Terminals
Series	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000078 (Loose)
Product Name	Mini-Fit
UPC	800753627741

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	135.300/mg
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, 18+22, 20+20, 20+22
Wire Size mm²	N/A

Electrical

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

Material Info

Engineering Number	5556T3
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	55560001-PK-000
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, 55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	55560000-SD-000, CS-5556T3-001, CS-5556T3-002
Test Summary	55560010-TS-000, TS-5556-002-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[5556](#) Series

Use With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit BMI Slide and Lock Panel
Mount [44516](#)
Mini-Fit BMI Panel Mount
Receptacle Housing
 [42474](#) , [43760](#)

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 for Mini-Fit Jr. Terminals	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200
FineAdjust Applicator for Mini-Fit Double	2037026200

Crimp Applications
Using Two 20 & 22
AWG, 20 & 20 AWG,
or 18 & 22 AWG
Wires
FineAdjust Applicator639039400
for Insulation OD
2.20-2.45mm,
Optimized for 16
AWG Only
FineAdjust Applicator639041400
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 #
Applicator for M211A Bench Press, 18-24 AWG Wire	570223000
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 16 AWG	570223730
Hand Extraction Tool	570316000

Mouser Electronics

Authorized Distributor

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Molex:

[39-00-0077 \(Cut Strip\)](#) [39-00-0077 \(Mouser Reel\)](#)